

# **Missouri Vital Statistics 1991**

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**State Center  
for Health  
Statistics**

**MISSOURI  
VITAL STATISTICS  
1991**

**MISSOURI DEPARTMENT OF HEALTH  
DIVISION OF HEALTH RESOURCES  
STATE CENTER FOR HEALTH STATISTICS**

**P.O. BOX 570  
JEFFERSON CITY  
65102-0570**

**MISSOURI CENTER FOR HEALTH STATISTICS PUBLICATION NO. 4.38**

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**MISSOURI DEPARTMENT OF HEALTH**  
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**STATE CENTER FOR HEALTH STATISTICS**

**BUREAU OF HEALTH DATA ANALYSIS**  
Wayne F. Schramm, Chief

\*\*\*\*\*

August 1992

## PREFACE

This report presents the final tabulation of statistical data relating to vital events in Missouri during 1991. Data for the year of the report was accepted through April 17, 1992, allowing information reflecting events in 1991 to be as complete as possible.

*Missouri Vital Statistics 1991* is published for use in public health and related fields as an aid for studying births, deaths, fetal deaths, marriages, dissolutions, and abortions. Provisional vital statistics data are available through the publication, *Missouri Monthly Vital Statistics*. Unpublished detailed annual vital statistics data are available upon request.

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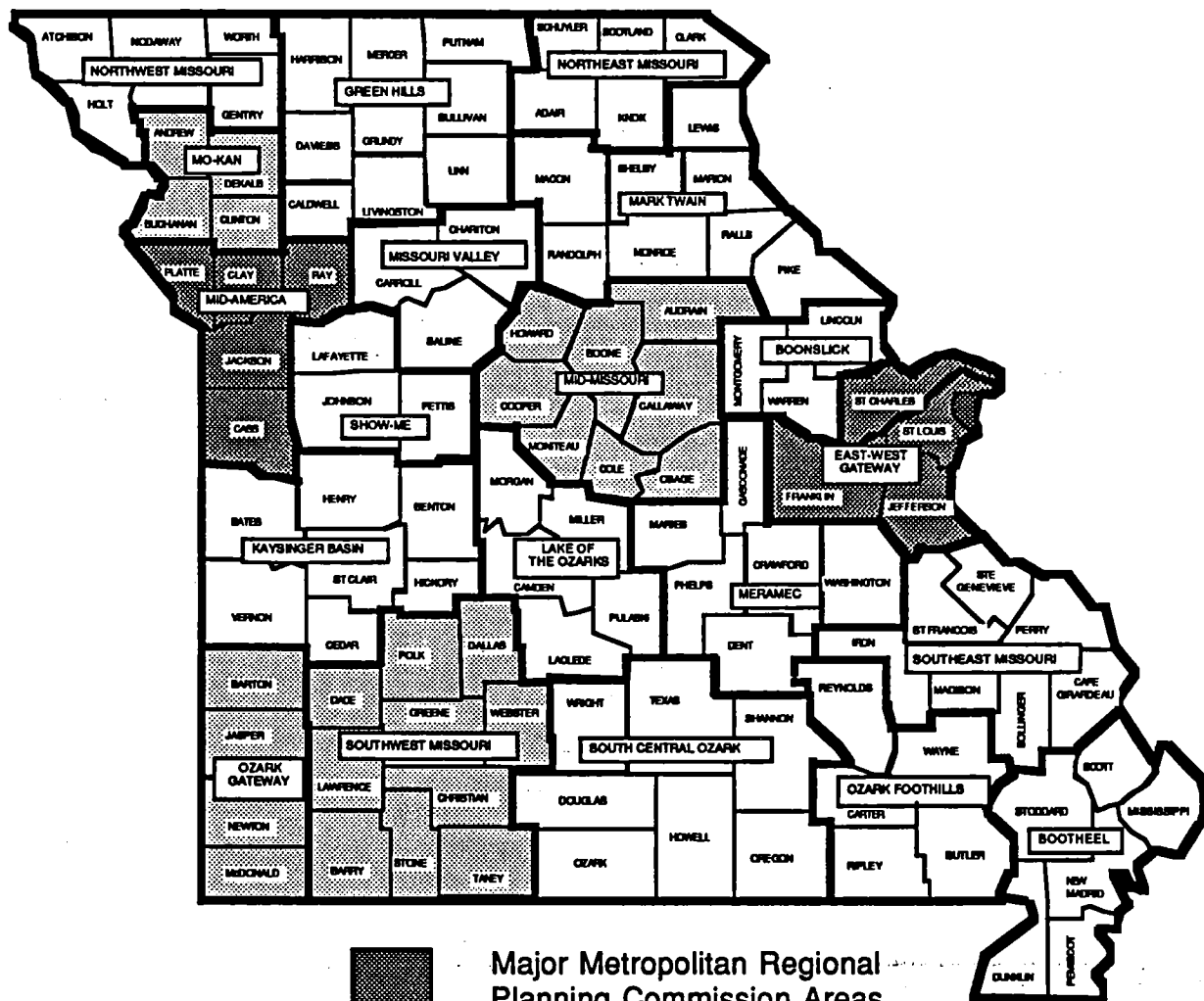
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# REGIONAL PLANNING COMMISSION AREAS



Major Metropolitan Regional Planning Commission Areas



Minor Metropolitan Regional Planning Commission Areas



Non-Metropolitan Regional Planning Commission Areas

**Graph A**  
**Live Birth and Death Rates per 1,000 Population**  
**Missouri 1911 - 1991**

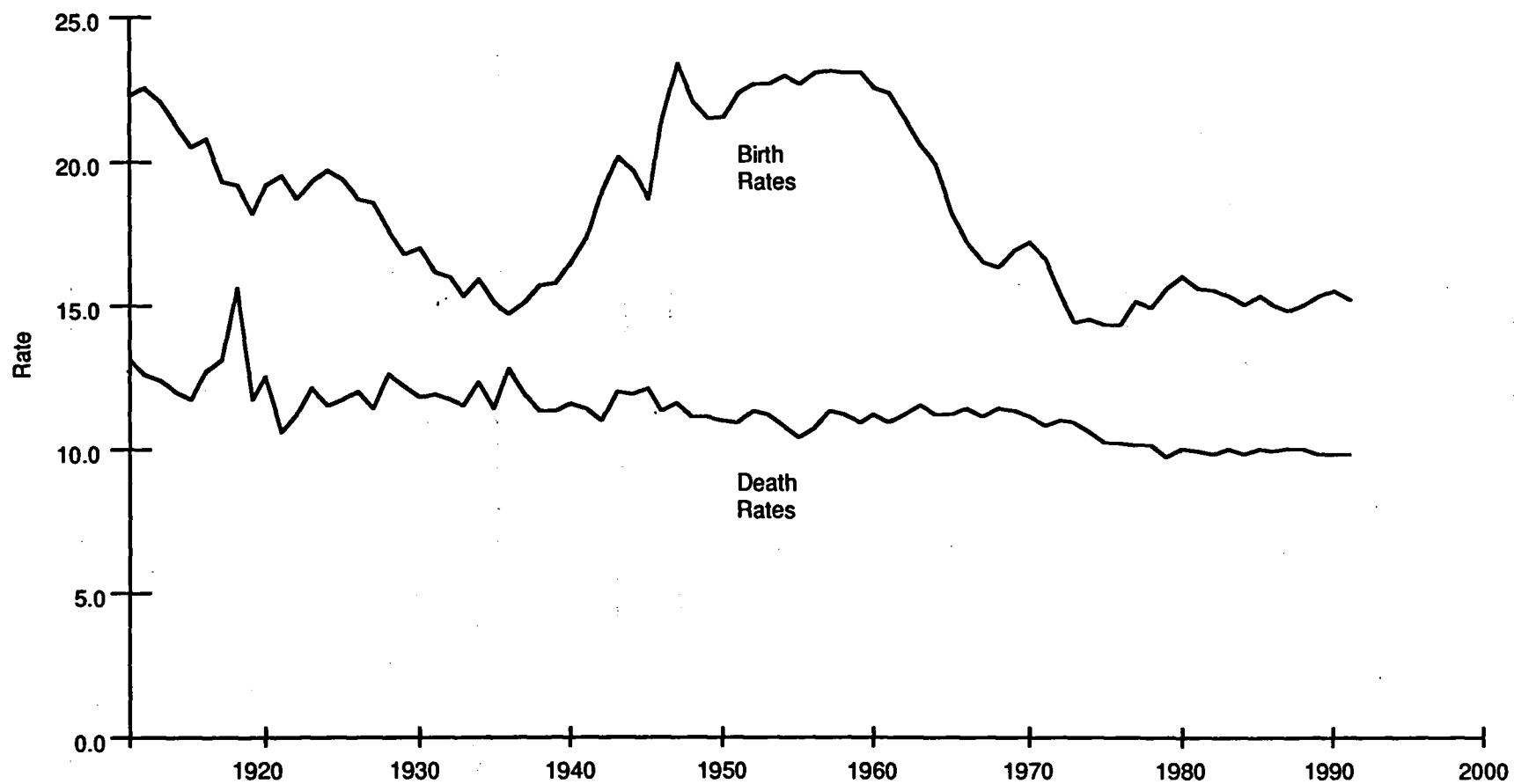


TABLE 1

**POPULATION, RECORDED BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION  
AND NATURAL INCREASE: MISSOURI 1911-1944**

Year	Estimated Mid-Year Population (Thousands)	Births		Deaths		Natural Increase	Year	Estimated Mid-Year Population (Thousands)	Births		Deaths		Natural Increase
		Number	Rate	Number	Rate				Number	Rate	Number	Rate	
1911	3,317	74,130	22.3	43,479	13.1	30,651	1928	3,601	63,401	17.6	45,219	12.6	18,182
1912	3,344	75,452	22.6	42,139	12.6	33,313	1929	3,622	60,980	16.8	44,262	12.2	16,718
1913	3,409	75,231	22.1	42,130	12.4	33,101	1930	3,646	62,011	17.0	42,924	11.8	19,087
1914	3,467	73,925	21.3	41,743	12.0	32,182	1931	3,711	60,201	16.2	43,999	11.9	16,202
1915	3,492	71,543	20.5	40,863	11.7	30,680	1932	3,746	59,755	16.0	43,695	11.7	16,060
1916	3,527	73,486	20.8	44,705	12.7	28,781	1933	3,773	57,717	15.3	43,368	11.5	14,349
1917	3,470	67,041	19.3	45,564	13.1	21,477	1934	3,784	60,317	15.9	46,685	12.3	13,632
1918	3,325	64,001	19.2	51,925	15.6	12,076	1935	3,798	57,299	15.1	43,201	11.4	14,098
1919	3,371	61,193	18.2	39,282	11.7	21,911	1936	3,801	55,916	14.7	48,767	12.8	7,149
1920	3,404	65,416	19.2	42,572	12.5	22,844	1937	3,794	57,270	15.1	45,160	11.9	12,110
1921	3,429	66,970	19.5	36,210	10.6	30,760	1938	3,781	59,365	15.7	42,578	11.3	16,787
1922	3,427	64,388	18.7	38,417	11.2	25,971	1939	3,783	59,688	15.8	42,693	11.3	16,995
1923	3,454	66,691	19.3	41,853	12.1	24,838	1940	3,786	62,545	16.5	43,950	11.6	18,595
1924	3,508	68,961	19.7	40,463	11.5	28,498	1941	3,811	66,268	17.4	43,295	11.4	22,973
1925	3,526	68,293	19.4	41,332	11.7	26,961	1942	3,829	72,575	19.0	42,117	11.0	30,458
1926	3,556	66,611	18.7	42,684	12.0	23,927	1943	3,705	74,820	20.2	44,437	12.0	30,383
1927	3,576	66,401	18.6	40,853	11.4	25,548	1944	3,560	69,982	19.7	42,347	11.9	27,635

Sources: 1911-1934 and 1937-1944 Vital Statistics Reports of the Missouri State Board of Health. 1935-1936, Special Reports of the United States Bureau of the Census. Population estimates 1911 to 1944 taken from United States Bureau of the Census Release, Series P-25, No. 139, June 27, 1956.

TABLE 2

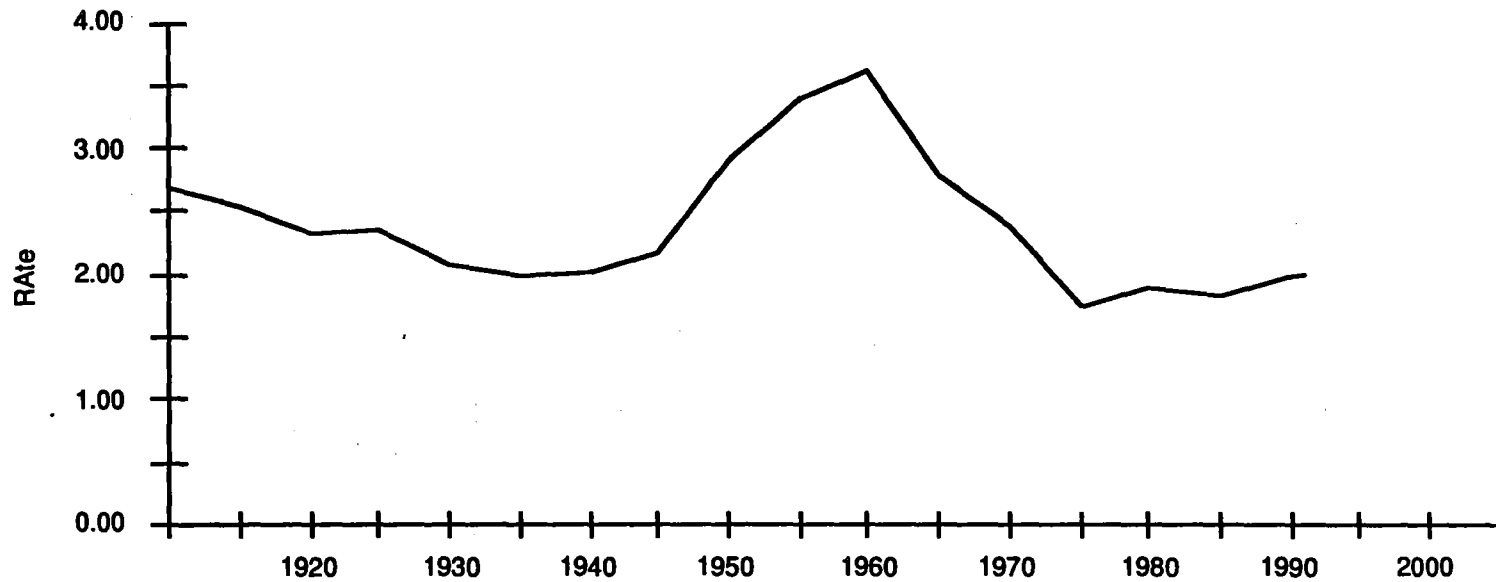
**POPULATION, RECORDED AND RESIDENT BIRTHS AND DEATHS WITH RATES PER 1,000  
AND NATURAL INCREASE: MISSOURI 1945-1991**

Year	Estimated Mid-Year Population (Thousands)	Recorded				Resident				Natural Increase
		Births		Deaths		Births		Deaths		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	
1945	3,516	67,693	19.3	42,757	12.2	65,691	18.7	42,496	12.1	23,195
1946	3,746	82,901	22.1	42,640	11.4	80,698	21.5	42,377	11.3	38,321
1947	3,845	92,369	24.0	44,762	11.6	89,902	23.4	44,474	11.6	45,428
1948	3,844	87,005	22.6	42,921	11.2	85,096	22.1	42,753	11.1	42,342
1949	3,955	87,372	22.1	43,995	11.1	85,206	21.5	43,708	11.1	41,498
1950	3,964	87,948	22.2	43,962	11.1	85,704	21.6	43,714	11.0	41,990
1951	4,015	92,664	23.1	44,318	11.0	89,977	22.4	44,051	10.9	45,926
1952	3,972	92,931	23.4	45,245	11.4	90,118	22.7	45,051	11.3	45,067
1953	4,020	94,419	23.5	45,686	11.4	91,447	22.7	45,148	11.2	46,299
1954	4,066	97,278	23.9	44,404	10.9	93,453	23.0	43,835	10.8	49,618

Table 2 (continued)

Year	Estimated Mid-Year Population (Thousands)	Recorded				Resident				Natural Increase	
		Births		Deaths		Births		Deaths			
		Number	Rate	Number	Rate	Number	Rate	Number	Rate		
1955	4,134	97,591	23.6	43,531	10.5	93,797	22.7	43,000	10.4	50,797	
1956	4,163	100,163	24.1	45,003	10.8	96,099	23.1	44,458	10.7	51,641	
1957	4,189	101,287	24.2	47,784	11.4	97,161	23.2	47,333	11.3	49,828	
1958	4,186	100,729	24.1	47,338	11.3	96,721	23.1	46,729	11.2	49,992	
1959	4,258	102,461	24.1	47,099	11.1	98,537	23.1	46,465	10.9	52,072	
1960	4,326	101,778	23.5	48,955	11.3	97,723	22.6	48,287	11.2	49,436	
1961	4,349	101,462	23.3	47,933	11.0	97,321	22.4	47,303	10.9	50,018	
1962	4,357	97,658	22.4	49,685	11.4	93,879	21.5	49,016	11.2	44,863	
1963	4,392	93,545	21.3	51,159	11.6	90,363	20.6	50,538	11.5	39,825	
1964	4,442	90,918	20.5	50,271	11.3	88,335	19.9	49,617	11.2	38,718	
1965	4,467	84,162	18.8	51,101	11.4	81,216	18.2	50,249	11.2	30,967	
1966	4,523	80,750	17.9	52,476	11.6	77,946	17.2	51,581	11.4	26,365	
1967	4,539	77,940	17.2	51,245	11.3	74,823	16.5	50,544	11.1	24,279	
1968	4,568	77,028	16.9	52,834	11.6	74,304	16.3	52,019	11.4	22,285	
1969	4,640	81,313	17.5	53,172	11.5	78,396	16.9	52,314	11.3	26,082	
1970	4,680	83,787	17.9	52,592	11.2	80,707	17.2	51,743	11.1	28,964	
1971	4,723	81,409	17.2	51,810	11.0	78,375	16.6	50,811	10.8	27,564	
1972	4,753	75,127	15.8	53,249	11.2	72,597	15.3	52,287	11.0	20,310	
1973	4,775	70,808	14.8	53,003	11.1	68,605	14.4	51,812	10.9	16,793	
1974	4,785	71,875	15.0	51,656	10.8	69,412	14.5	50,504	10.6	18,908	
1975	4,795	70,786	14.8	49,986	10.4	68,442	14.3	48,984	10.2	19,458	
1976	4,824	71,319	14.8	50,074	10.4	68,781	14.3	49,008	10.2	19,773	
1977	4,845	75,689	15.6	49,839	10.3	72,957	15.1	48,761	10.1	24,196	
1978	4,871	75,283	15.5	50,439	10.4	72,654	14.9	49,207	10.1	23,447	
1979	4,889	78,562	16.1	48,946	10.0	76,056	15.6	47,656	9.7	28,400	
1980	4,917	80,770	16.4	50,504	10.3	78,588	16.0	49,334	10.0	29,254	
1981	4,932	78,538	15.9	49,780	10.1	76,758	15.6	48,645	9.9	28,113	
1982	4,930	78,334	15.9	49,145	10.0	76,648	15.5	48,126	9.8	28,522	
1983	4,944	77,061	15.6	50,540	10.2	75,505	15.3	49,381	10.0	26,124	
1984	4,976	76,293	15.3	50,232	10.1	74,422	15.0	48,890	9.8	25,532	
1985	5,002	78,760	15.7	51,635	10.3	76,697	15.3	50,098	10.0	26,599	
1986	5,024	77,105	15.3	51,350	10.2	75,116	15.0	49,971	9.9	25,145	
1987	5,057	76,909	15.2	52,016	10.3	74,830	14.8	50,362	10.0	24,468	
1988	5,083	78,331	15.4	52,265	10.3	76,101	15.0	50,619	10.0	25,482	
1989	5,096	79,866	15.7	51,679	10.1	77,755	15.3	50,169	9.8	27,586	
1990	5,117	81,416	15.9	51,786	10.1	79,135	15.5	50,212	9.8	28,923	
1991	5,158	81,076	15.7	52,362	10.2	78,468	15.2	50,711	9.8	27,757	

**Graph B**  
**Total Fertility Rates**  
**Missouri 1911-1991**



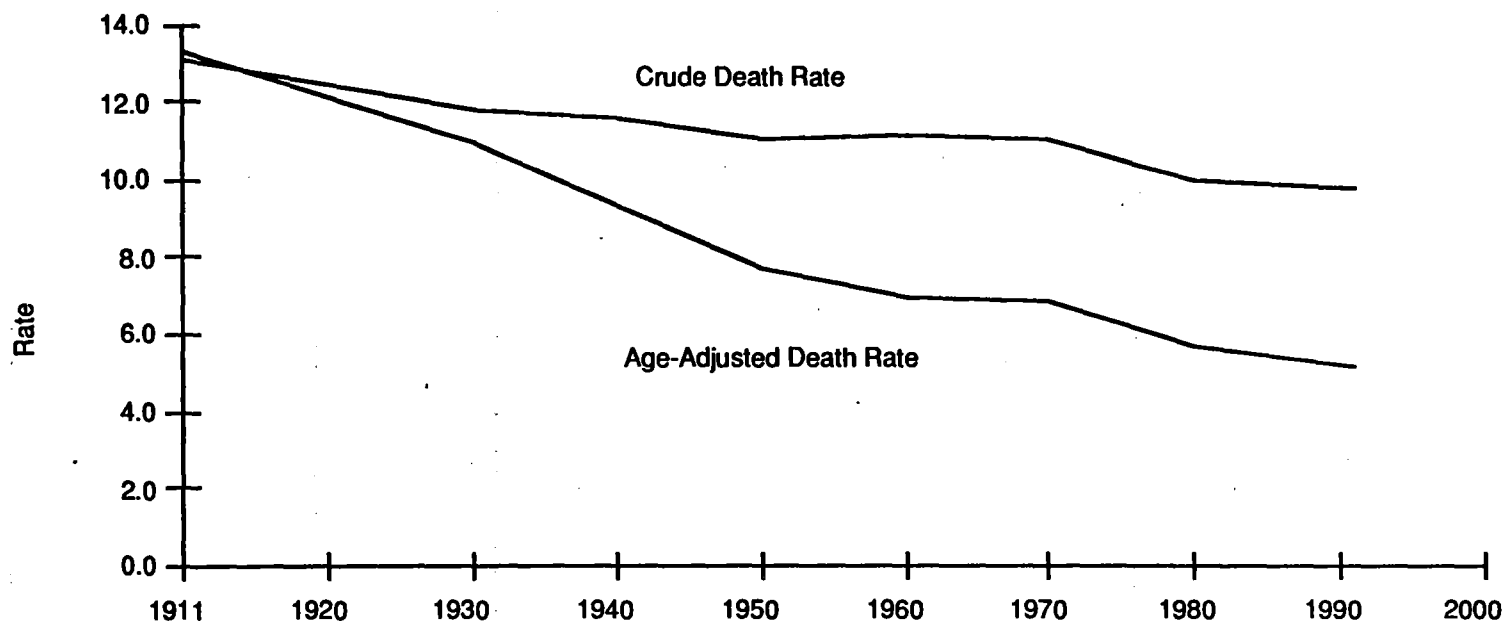
<i>Total Fertility Rate</i>		<i>Total Fertility Rate</i>		<i>Total Fertility Rate</i>		<i>Total Fertility Rate</i>	
1911	2.71	1945	2.16	1980	1.90	1986	1.81
1915	2.55	1950	2.92	1981	1.84	1987	1.82
1920	2.33	1955	3.39	1982	1.84	1988	1.88
1925	2.37	1960	3.63	1983	1.82	1989	1.95
1930	2.09	1965	2.79	1984	1.79	1990	2.00
1935	1.99	1970	2.40	1985	1.85	1991	2.01
1940	2.02	1975	1.76				

TABLE 3

**FERTILITY RATES PER 1,000 FEMALES BY AGE OF MOTHER:  
MISSOURI 1911-1990**

	<i>General Fertility Rate</i>	<i>Under 15</i>	<i>Age of Mother</i>								
			<i>Total</i>	<i>15-19</i>		<i>20-24</i>	<i>25-29</i>	<i>30-34</i>	<i>35-39</i>	<i>40-44</i>	<i>45-49</i>
				<i>15-17</i>	<i>18-19</i>						
1911	93.3	0.4	48.8	NA	NA	134.2	133.5	109.6	77.7	33.5	3.8
1915	88.8	0.3	50.4			136.4	126.2	97.5	67.7	27.7	3.2
1920	80.6	0.4	49.6			129.3	113.3	85.0	59.6	25.0	3.0
1925	81.1	0.4	56.7			129.5	120.2	83.8	57.7	22.5	2.4
1930	71.1	0.5	54.1	NA	NA	115.5	103.6	79.8	46.7	18.3	2.0
1935	68.0	0.5	52.5			116.0	96.9	69.3	43.6	16.8	1.6
1940	69.1	0.4	54.5			123.6	104.8	69.8	37.1	13.2	1.4
1945	73.2	0.5	50.2			121.7	114.2	81.4	47.5	14.9	1.2
1950	98.6	0.9	82.6	NA	NA	189.5	153.4	95.2	48.1	14.0	1.0
1955	112.3	0.8	95.3			229.0	174.2	106.9	55.7	15.2	1.0
1960	118.1	0.9	99.0			254.4	187.5	110.5	56.5	16.5	1.0
1965	93.0	0.9	75.1			188.7	146.5	87.1	45.0	13.5	0.8
1970	85.6	1.1	71.8	NA	NA	163.3	137.2	67.7	30.1	8.8	0.5
1975	65.9	1.3	60.0	41.1	89.0	110.1	106.6	51.1	18.8	4.6	0.2
1980	70.6	1.2	57.5	35.6	88.0	121.9	116.9	60.5	18.3	3.7	0.2
1981	68.3	1.0	54.7	33.8	82.2	117.6	115.4	57.9	17.1	3.7	0.1
1982	67.9	0.8	53.7	33.1	81.0	117.2	114.3	60.1	18.9	3.4	0.3
1983	66.5	0.9	53.2	32.5	80.2	115.0	111.1	60.8	19.1	3.6	0.2
1984	65.0	0.9	52.3	31.8	80.3	110.9	109.7	61.9	19.1	3.3	0.1
1985	66.4	1.2	52.4	30.5	83.8	115.9	113.0	63.4	19.7	3.2	0.2
1986	64.6	1.0	51.4	30.2	84.2	113.4	110.0	63.9	19.8	3.2	0.1
1987	63.9	1.1	51.3	32.0	80.2	112.9	110.3	64.1	21.4	3.3	0.2
1988	65.1	1.0	54.4	33.3	84.6	113.0	113.9	66.6	22.2	3.7	0.2
1989	66.7	1.1	58.9	36.8	87.7	117.8	115.8	67.6	24.0	3.7	0.1
1990	67.9	1.2	62.7	39.2	92.9	118.9	117.3	70.5	25.3	4.1	0.1
1991	67.1	1.1	64.4	38.7	100.3	119.4	116.3	70.7	25.9	4.3	0.1

**Graph C**  
**Crude and Age-Adjusted Death Rates\* per 1,000 Population**  
**Missouri 1911 - 1991**



	Crude Rate	Age-Adjusted Rate		Crude Rate	Age-Adjusted Rate		Crude Rate	Age-Adjusted Rate
1911	13.1	13.3	1975	10.3	6.1	1986	9.9	5.3
1920	12.5	12.1	1980	10.0	5.7	1987	10.0	5.2
1930	11.8	10.9	1981	9.9	5.5	1988	10.0	5.2
1940	11.6	9.3	1982	9.8	5.4	1989	9.8	5.1
1950	11.0	7.7	1983	10.0	5.4	1990	9.8	5.1
1960	11.2	7.0	1984	9.8	5.3	1991	9.8	5.1
1970	11.1	6.9	1985	10.0	5.3			

\* United States 1940 population distribution used as the standard. See Appendix, page 122.

TABLE 4

AGE-SPECIFIC DEATH RATES PER 1,000 POPULATION:  
MISSOURI 1911-1991

		Age										
	Total*	Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
1911	13.3	99.6	12.3	2.7	4.8	6.9	8.8	13.5	24.4	52.4	118.8	247.6
1920	12.1	87.1	10.4	2.8	5.0	7.0	7.9	11.2	21.1	47.0	104.2	249.0
1930	10.9	63.9	5.1	1.8	3.3	4.4	6.4	11.9	22.2	49.5	110.0	190.0
1935	10.2	60.4	4.5	1.5	2.7	3.9	6.2	10.8	21.1	45.7	115.3	190.5
1940	9.3	51.6	3.3	1.0	1.9	2.8	4.9	9.8	20.4	44.8	110.0	207.2
1945	8.4	38.9	1.9	0.9	1.5	2.0	4.1	9.2	18.5	41.7	102.5	198.7
1950	7.7	33.4	1.5	0.6	1.2	1.7	3.4	8.1	18.1	38.9	94.3	210.4
1955	6.9	26.0	1.0	0.5	1.2	1.5	2.9	7.2	15.9	36.1	84.4	188.3
1960	7.0	25.5	1.0	0.4	1.1	1.5	2.9	7.2	16.6	37.1	86.5	201.1
1965	7.0	26.0	1.0	0.4	1.2	1.5	3.1	7.3	16.3	36.4	84.6	194.1
1970	6.9	20.8	0.8	0.4	1.4	1.6	3.2	7.2	16.6	35.8	81.8	181.9
1975	6.1	16.4	0.6	0.3	1.2	1.4	2.6	6.5	14.6	32.4	71.9	170.6
1980	5.7	12.3	0.7	0.3	1.3	1.3	2.2	5.8	13.4	30.5	67.1	162.4
1981	5.5	12.7	0.5	0.3	1.0	1.3	2.2	5.7	13.4	29.2	65.4	159.2
1982	5.4	11.7	0.6	0.3	1.1	1.2	2.0	5.2	13.1	29.3	65.2	153.3
1983	5.4	10.7	0.6	0.3	0.9	1.2	1.9	5.4	13.4	29.0	66.8	159.6
1984	5.3	10.3	0.5	0.3	1.0	1.1	1.9	5.4	12.8	28.8	64.6	156.0
1985	5.3	10.2	0.5	0.2	1.0	1.2	1.8	5.1	13.3	28.5	65.8	161.4
1986	5.3	10.6	0.5	0.3	1.1	1.3	1.9	4.9	12.5	28.7	63.8	158.6
1987	5.2	10.2	0.5	0.3	1.0	1.2	1.9	4.8	12.6	28.4	63.4	158.4
1988	5.2	10.1	0.5	0.2	1.0	1.2	1.9	4.8	12.6	27.5	64.0	158.3
1989	5.1	9.9	0.5	0.3	1.1	1.3	2.0	4.5	12.4	27.0	61.9	156.5
1990	5.1	9.4	0.5	0.3	1.1	1.3	2.0	4.5	12.5	26.8	60.9	154.5
1991	5.1	10.2	0.5	0.3	1.1	1.4	2.1	4.8	12.2	26.8	59.9	152.0

\*Age-Adjusted Death Rate using United States, 1940 population distribution as the standard

TABLE 5A RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY RACE OF MOTHER: MISSOURI 1991

	ALL RACES	WHITE	BLACK	OTHER		ALL RACES	WHITE	BLACK	OTHER
TOTAL	78,468	63,590	13,619	1,085	ALCOHOLIC DRINKS PER WEEK				
SEX					NONE	76,107	61,799	13,095	1,054
MALE	39,900	32,380	6,848	577	LESS THAN 7	1,722	1,353	356	11
FEMALE	38,568	31,210	6,771	508	7 OR MORE	107	48	57	2
MOTHER HISPANIC	1,050	941	21	68	DRANK UNKNOWN AMOUNT	160	115	42	3
					UNKNOWN DRINKING STATUS	372	275	69	15
ATTENDANT					CIGARETTES SMOKED PER DAY DURING PREGNANCY				
M.D.	69,444	55,713	12,600	974	NONE	59,210	47,281	10,858	952
D.O.	8,410	7,287	1,003	105	LESS THAN 10	4,422	3,281	1,093	41
CERT NURSE MIDWIFE	139	134	3	2	10-19	7,387	6,311	1,016	47
OTHER MIDWIFE	210	209	1	0	20 OR MORE	6,819	6,209	560	29
OTHER	265	247	12	4	SMOKED UNKNOWN AMOUNT	275	242	29	3
PLACE OF BIRTH					UNKNOWN SMOKING STATUS	355	266	63	13
HOSPITAL	77,620	62,911	13,457	1,079	YEARS AT PRESENT ADDRESS				
BIRTHING CENTER	103	102	1	0	LESS THAN 1	16,763	12,849	3,628	259
CLINIC	15	15	0	0	1-4	42,096	35,490	5,876	646
HOME RESIDENCE	612	480	126	5	5-9	10,144	8,652	1,397	78
PLANNED	418	403	10	4	10 OR MORE	6,440	4,114	2,277	38
UNPLANNED	155	58	96	1	UNKNOWN	3,025	2,485	441	64
OTHER	118	82	35	1	MATERNAL TRANSFERS				
MONTH OF BIRTH					FROM ANOTHER HOSPITAL	792	595	187	7
JANUARY	6,379	5,083	1,193	87	DOCTORS OFFICE, OTHER	1,489	828	615	43
FEBRUARY	5,907	4,764	1,056	75	NO TRANSFER	75,265	61,353	12,728	1,024
MARCH	6,509	5,299	1,113	85	UNKNOWN	922	814	89	11
APRIL	6,394	5,211	1,094	81	INFANT TRANSFER				
MAY	6,925	5,662	1,147	99	YES	1,339	1,007	314	9
JUNE	6,364	5,179	1,076	87	NO	76,235	61,782	13,229	1,067
JULY	7,102	5,793	1,183	95	UNKNOWN	894	801	76	9
AUGUST	6,979	5,588	1,246	114	MATERNAL WEIGHT GAIN DURING PREGNANCY (LBS.)				
SEPTEMBER	6,702	5,453	1,163	82	LESS THAN 10	2,286	1,705	555	25
OCTOBER	6,589	5,362	1,122	93	10-19	8,048	6,037	1,888	108
NOVEMBER	6,242	5,070	1,077	90	20-29	22,187	18,115	3,697	326
DECEMBER	6,376	5,126	1,149	97	30-39	23,650	19,884	3,373	344
NUMBER BORN					40 OR MORE	19,135	15,762	3,127	210
SINGLETON	76,404	61,975	13,192	1,065	UNKNOWN	3,162	2,087	979	72
TWIN	1,990	1,550	418	20	CROWN HEEL LENGTH (CM.)				
TRIPLET	70	61	9	0	LESS THAN 40	702	460	234	6
QUAD. OR MORE	4	4	0	0	40-46	4,676	3,259	1,357	54
PREV. TERMINATIONS					47-50	34,756	27,017	7,146	526
NONE	58,861	48,150	9,732	863	51 OR MORE	35,475	30,479	4,472	457
1	13,764	10,979	2,589	164	UNKNOWN	2,859	2,375	410	42
2 OR MORE	5,723	4,395	1,257	56					
UNKNOWN	120	66	41	2					

TABLE 5B      RESIDENT LIVE BIRTHS BY SELECTED OBSTETRIC AND PEDIATRIC CONDITIONS AND PROCEDURES: MISSOURI      1991

	NUMBER	PERCENT		NUMBER	PERCENT
TOTAL LIVE BIRTHS	78,468	100.0	METHOD OF DELIVERY		
MEDICAL RISK FACTORS			VAGINAL	56,655	72.2
TOTAL ONE OR MORE	15,418	19.6	VAGINAL AFTER CESAREAN SECTION	2,094	2.7
ANEMIA	1,134	1.4	PRIMARY ELEC. CESAREAN SECTION	4,028	5.1
CARDIAC DISEASE	335	.4	PRIMARY EMERG. CESAREAN SECTION	7,368	9.4
ACUTE/CHRONIC LUNG DISEASE	382	.5	REPEAT CESAREAN SECTION	6,444	8.2
DIABETES (INSULIN DEP.)	366	.5	OUTLET/LOW FORCEPS	4,280	5.5
DIABETES (NON-INSULIN DEP.)	1,500	1.9	MID/HIGH FORCEPS	132	.2
GENITAL HERPES	734	.9	VACUUM EXTRACTION	5,371	6.8
HYDRAMNIOS/OLIGOHYDRAMNIOS	880	1.1	ABNORMAL CONDITIONS NEWBORN		
HEMOGLOBINOPATHY	104	.1	TOTAL ONE OR MORE	4,463	5.7
HYPERTENSION, CHRONIC	534	.7	ANEMIA	59	.1
HYPERTENSION, PREG. INDUCED	2,932	3.7	BIRTH INJURY	223	.3
ECLAMPSIA	108	.1	FETAL ALCOHOL SYNDROME	5	.0
INCOMPETENT CERVIX	209	.3	HYALINE MEMBRANE (RDS)	705	.9
PREV. INFANT 4000+ GMS.	1,077	1.4	MECONIUM ASPIRATION	127	.2
PREV. PRETERM/SGA	1,190	1.5	ASSISTED VENT. (LT 30 MINS.)	848	1.1
RENAL DISEASE	179	.2	ASSISTED VENT. (30+ MINS.)	845	1.1
RH SENSITIZATION	219	.3	SEIZURES	85	.1
UTERINE BLEEDING	581	.7	OTHER	2,381	3.0
OTHER	5,546	7.1	CONGENITAL ANOMALIES		
OBSTETRIC PROCEDURES			TOTAL ONE OR MORE	1,106	1.4
TOTAL ONE OR MORE	74,162	94.5	ANENCEPHALUS	17	.0
AMNIOCENTESIS	2,080	2.7	SPINA BIFIDA/MENINGOCELE	30	.0
ELECTRONIC FETAL MONITORING	68,648	87.5	HYDROCEPHALUS	30	.0
INDUCTION OF LABOR	11,114	14.2	MICROCEPHALUS	8	.0
STIMULATION OF LABOR	12,271	15.6	OTHER CNS ANOMALIES	11	.0
TOCOLYSIS	1,601	2.0	HEART MALFORMATION	156	.2
ULTRASOUND	56,287	71.7	OTHER CIRC/RESP. ANOMALIES	76	.1
CHORIONIC VILLUS SAMPLING	306	.4	RECTAL ATRESIA/STENOSIS	21	.0
OTHER	1,615	2.1	TRACHEO-ESOPHAGEAL FISTULA		
COMPLICATIONS OF LABOR/DEL.			ESOPHAGEAL ATRESIA	15	.0
TOTAL ONE OR MORE	28,490	36.3	OMPHALOCELE/GASTROSCHISIS	34	.0
FEBRILE	1,316	1.7	OTHER GASTROINTESTINAL ANOMALIES	29	.0
MECONIUM, MODERATE/HEAVY	5,095	6.5	MALFORMED GENITALIA	156	.2
PREMATURE RUPT. MEMB. (>12 HRS.)	2,720	3.5	RENAL AGENESIS	14	.0
ABRUPTIO PLACENTA	609	.8	OTHER UROGENITAL ANOMALIES	86	.1
PLACENTA PREVIA	300	.4	CLEFT LIP/PALATE	79	.1
OTHER EXCESSIVE BLEEDING	330	.4	POLYDACTYLY/SYNDACTYLY/ADACTYLY	127	.2
SEIZURES DURING LABOR	29	.0	CLUB FOOT	72	.1
PRECIPITOUS LABOR (<3 HRS.)	1,883	2.4	DIAPHRAGMATIC HERNIA	10	.0
PROLONGED LABOR (>20 HRS.)	788	1.0	OTHER MUSCULOSKELETAL/INTEGUMENTAL	189	.2
DYSFUNCTIONAL LABOR	3,482	4.4	DOWN SYNDROME	45	.1
BREECH	3,045	3.9	OTHER CHROMOSOMAL ANOMALIES	38	.0
OTHER MALPRESENTATION	1,457	1.9	OTHER	59	.1
CEPHALOPELVIC DISPROPORTION	3,384	4.3			
CORD PROLAPSE	225	.3			
ANESTHETIC COMPLICATIONS	10	.0			
FETAL DISTRESS	5,149	6.6			
OTHER	7,295	9.3			

TABLE 6 RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY LIVE BIRTH ORDER BY MOTHER'S MARITAL STATUS BY RACE OF MOTHER: MISSOURI 1991

RACE OF MOTHER AGE OF MOTHER	ALL LIVE BIRTHS						OUT-OF-WEDLOCK LIVE BIRTHS					
	LIVE BIRTH ORDER TOTAL	1ST	2ND	3RD	4TH	5TH OR MORE	LIVE BIRTH ORDER TOTAL	1ST	2ND	3RD	4TH	5TH OR MORE
ALL RACES												
ALL AGES	78,468	31,648	25,909	13,004	4,979	2,928	23,673	11,396	5,938	3,453	1,650	1,236
UNDER 15	203	194	9	0	0	0	200	191	9	0	0	0
15-17	3,902	3,299	540	57	6	0	3,211	2,719	438	50	4	0
18-19	7,193	4,974	1,724	402	86	7	4,682	3,266	1,068	274	70	4
20-24	21,973	10,080	7,381	3,177	959	376	8,546	3,616	2,542	1,496	616	276
25-29	23,464	8,287	8,629	4,259	1,518	771	4,233	1,085	1,207	987	531	423
30-34	15,623	3,677	5,822	3,646	1,543	935	2,013	384	531	463	298	337
35-39	5,273	987	1,626	1,291	739	630	664	118	126	164	104	152
40-44	801	134	173	168	125	201	119	14	17	18	27	43
45-49	17	2	3	3	2	7	2	0	0	1	0	1
UNKNOWN	19	14	2	1	1	1	3	3	0	0	0	0
WHITE												
ALL AGES	63,590	26,212	21,701	10,372	3,591	1,714	12,912	7,222	3,073	1,657	645	315
UNDER 15	72	72	0	0	0	0	69	69	0	0	0	0
15-17	2,354	2,124	213	15	2	0	1,685	1,555	120	9	1	0
18-19	5,144	3,834	1,096	186	25	3	2,752	2,190	476	76	10	0
20-24	17,166	8,449	5,947	2,185	483	102	4,720	2,364	1,419	693	199	45
25-29	20,021	7,436	7,639	3,507	1,072	367	2,225	701	690	515	225	94
30-34	13,570	3,292	5,212	3,196	1,263	607	1,037	250	291	252	141	103
35-39	4,570	878	1,438	1,133	634	487	358	81	68	100	50	59
40-44	666	116	151	147	109	143	64	11	9	11	19	14
45-49	13	2	3	2	2	4	1	0	0	1	0	0
UNKNOWN	14	9	2	1	1	1	1	1	0	0	0	0
BLACK												
ALL AGES	13,619	4,855	3,824	2,460	1,315	1,165	10,511	4,046	2,800	1,765	990	910
UNDER 15	130	121	9	0	0	0	130	121	9	0	0	0
15-17	1,516	1,149	322	41	4	0	1,498	1,141	314	40	3	0
18-19	1,975	1,085	612	213	61	4	1,883	1,043	581	195	60	4
20-24	4,532	1,473	1,362	959	468	270	3,728	1,203	1,093	791	412	229
25-29	3,064	657	873	711	430	393	1,969	370	505	464	303	327
30-34	1,720	276	494	387	248	315	953	127	237	206	152	231
35-39	573	82	138	133	90	130	298	37	54	63	53	91
40-44	102	9	14	15	14	50	49	2	7	6	7	27
45-49	4	0	0	1	0	3	1	0	0	0	0	1
UNKNOWN	3	3	0	0	0	0	2	2	0	0	0	0

TABLE 7 TEEN-AGE RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY LIVE BIRTH ORDER BY MOTHER'S MARITAL STATUS BY RACE OF MOTHER  
WITH PERCENTAGES: MISSOURI 1991

RACE OF MOTHER AGE OF MOTHER	ALL LIVE BIRTHS LIVE BIRTH ORDER				OUT-OF-WEDLOCK LIVE BIRTHS LIVE BIRTH ORDER				PERCENT OUT-OF-WEDLOCK LIVE BIRTH ORDER			
	TOTAL	1ST	2ND	3RD OR MORE	TOTAL	1ST	2ND	3RD OR MORE	TOTAL	1ST	2ND	3RD OR MORE
ALL RACES												
10-19	11,298	8,467	2,273	558	8,093	6,176	1,515	402	71.6	72.9	66.7	72.0
10	0	0	0	0	0	0	0	0	---	---	---	---
11	1	1	0	0	1	1	0	0	100.0	100.0	---	---
12	4	4	0	0	4	4	0	0	100.0	100.0	---	---
13	25	24	1	0	25	24	1	0	100.0	100.0	100.0	---
14	173	165	8	0	170	162	8	0	98.3	98.2	100.0	---
15	539	501	37	1	485	448	36	1	90.0	89.4	97.3	100.0
16	1,218	1,068	141	9	1,018	890	121	7	83.6	83.3	85.8	77.8
17	2,145	1,730	362	53	1,708	1,381	281	46	79.6	79.8	77.6	86.8
18	3,182	2,337	689	156	2,244	1,661	461	122	70.5	71.1	66.9	78.2
19	4,011	2,637	1,035	339	2,438	1,605	607	226	60.8	60.9	58.6	66.7
WHITE												
10-19	7,570	6,030	1,309	231	4,506	3,814	596	96	59.5	63.3	45.5	41.6
10	0	0	0	0	0	0	0	0	---	---	---	---
11	0	0	0	0	0	0	0	0	---	---	---	---
12	1	1	0	0	1	1	0	0	100.0	100.0	---	---
13	8	8	0	0	8	8	0	0	100.0	100.0	---	---
14	63	63	0	0	60	60	0	0	95.2	95.2	---	---
15	258	252	6	0	207	202	5	0	80.2	80.2	83.3	---
16	727	680	46	1	531	505	26	0	73.0	74.3	56.5	---
17	1,369	1,192	161	16	947	848	89	10	69.2	71.1	55.3	62.5
18	2,231	1,775	398	58	1,325	1,116	181	28	59.4	62.9	45.5	48.3
19	2,913	2,059	698	156	1,427	1,074	295	58	49.0	52.2	42.3	37.2
BLACK												
10-19	3,621	2,355	943	323	3,511	2,305	904	302	97.0	97.9	95.9	93.5
10	0	0	0	0	0	0	0	0	---	---	---	---
11	1	1	0	0	1	1	0	0	100.0	100.0	---	---
12	3	3	0	0	3	3	0	0	100.0	100.0	---	---
13	17	16	1	0	17	16	1	0	100.0	100.0	100.0	---
14	109	101	8	0	109	101	8	0	100.0	100.0	100.0	---
15	278	246	31	1	276	244	31	1	99.3	99.2	100.0	100.0
16	483	381	94	8	480	379	94	7	99.4	99.5	100.0	87.5
17	755	522	197	36	742	518	189	35	98.3	99.2	95.9	97.2
18	916	534	286	96	892	525	275	92	97.4	98.3	96.2	95.8
19	1,059	551	326	182	991	518	306	167	93.6	94.0	93.9	91.8

TABLE 8 PERCENT LOW BIRTH WEIGHT AND RESIDENT LIVE BIRTHS BY BIRTH WEIGHT BY AGE OF MOTHER BY RACE OF MOTHER: MISSOURI 1991

AGE OF MOTHER AND RACE OF MOTHER	PERCENT LOW BIRTH WEIGHT	BIRTH WEIGHT											4500 OR MORE GRAMS	UNKNOWN
		TOTAL	LESS THAN 500 GRAMS	500- 999 GRAMS	1000- 1499 GRAMS	1500- 1999 GRAMS	2000- 2499 GRAMS	2500- 2999 GRAMS	3000- 3499 GRAMS	3500- 3999 GRAMS	4000 4499 GRAMS			
ALL RACES ALL AGES	7.5	78,468	106	409	520	1,135	3,714	12,893	28,583	22,864	6,936	1,256	52	
UNDER 15	10.8	203	1	1	1	2	17	54	66	46	14	1	0	
15-17	10.4	3,902	10	35	48	80	234	861	1,539	890	185	18	2	
18-19	9.5	7,193	18	41	63	136	425	1,442	2,754	1,826	429	58	1	
20-24	7.6	21,973	35	126	131	304	1,074	3,849	8,357	6,116	1,676	289	16	
25-29	6.7	23,464	21	98	148	306	998	3,538	8,523	7,157	2,252	407	16	
30-34	6.8	15,623	14	78	83	210	673	2,230	5,398	4,939	1,673	318	7	
35-39	7.5	5,273	7	21	40	76	252	793	1,693	1,629	617	139	6	
40 AND OVER	9.3	818	0	9	5	21	41	125	245	258	89	25	0	
WHITE ALL AGES	6.2	63,590	45	240	332	757	2,545	9,334	22,904	19,934	6,314	1,144	41	
UNDER 15	12.5	72	0	0	0	1	8	9	22	24	7	1	0	
15-17	8.7	2,354	4	16	23	39	122	436	904	646	146	16	2	
18-19	7.6	5,144	4	20	32	73	263	923	1,953	1,457	367	51	1	
20-24	6.3	17,166	17	71	76	206	708	2,721	6,448	5,159	1,495	253	12	
25-29	5.6	20,021	9	63	102	218	727	2,746	7,221	6,451	2,090	381	13	
30-34	5.6	13,570	6	51	66	149	494	1,765	4,681	4,505	1,554	293	6	
35-39	6.6	4,570	5	15	32	55	195	633	1,472	1,457	576	126	4	
40 AND OVER	7.2	679	0	4	1	16	28	101	196	232	79	22	0	
BLACK ALL AGES	13.8	13,619	58	165	181	368	1,102	3,318	5,206	2,586	539	92	4	
UNDER 15	10.0	130	1	1	1	1	9	45	44	21	7	0	0	
15-17	12.9	1,516	4	19	24	41	107	422	623	237	37	2	0	
18-19	14.3	1,975	14	21	31	61	155	507	776	345	58	7	0	
20-24	12.6	4,532	17	53	52	96	352	1,073	1,804	884	169	30	2	
25-29	14.0	3,064	12	35	45	85	252	713	1,163	602	136	20	1	
30-34	15.9	1,720	8	25	17	58	165	404	589	341	92	21	0	
35-39	15.0	573	2	6	7	21	50	134	176	136	31	10	0	
40 AND OVER	24.5	106	0	5	4	5	12	19	31	20	8	2	0	

ALL AGES INCLUDE UNKNOWN AGE

TABLE 9

RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000  
OR MORE POPULATION: MISSOURI 1991

COUNTIES	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
STATE TOTAL	78,468	63,590	13,619	23,673	12,912	10,511	30.2	20.3	77.2
ADAIR	266	264	0	40	40	0	15.0	15.2	--
ANDREW	186	185	1	26	26	0	14.0	14.1	--
ATCHISON	82	75	0	21	18	0	25.6	24.0	--
AUDRAIN	318	286	29	82	60	22	25.8	21.0	75.9
BARRY	441	436	1	95	93	0	21.5	21.3	--
BARTON	165	165	0	23	23	0	13.9	13.9	--
BATES	176	176	0	28	28	0	15.9	15.9	--
BENTON	105	100	1	27	26	1	25.7	26.0	100.0
BOLLINGER	141	139	1	26	26	0	18.4	18.7	--
BOONE	1,788	1,409	227	425	241	170	23.8	17.1	74.9
BUCHANAN	1,237	1,182	39	415	382	29	33.5	32.3	74.4
BUTLER	530	484	40	167	138	28	31.5	28.5	70.0
CALDWELL	90	89	1	18	17	1	20.0	19.1	100.0
CALLAWAY	504	481	17	117	103	14	23.2	21.4	82.4
CAMDEN	333	331	0	64	64	0	19.2	19.3	--
CAPE GIRARDEAU	838	750	79	200	142	58	23.9	18.9	73.4
CARROLL	150	148	2	28	26	2	18.7	17.6	100.0
CARTER	78	78	0	22	22	0	28.2	28.2	--
CASS	963	935	12	169	159	5	17.5	17.0	41.7
CEDAR	130	128	0	35	34	0	26.9	26.6	--
CHARITON	87	81	3	15	12	3	17.2	14.8	100.0
CHRISTIAN	485	484	0	75	74	0	15.5	15.3	--
CLARK	84	83	0	20	20	0	23.8	24.1	--
CLAY	2,283	2,184	57	444	405	30	19.4	18.5	52.6
CLINTON	210	205	4	56	53	3	26.7	25.9	75.0
COLE	913	839	66	192	156	35	21.0	18.6	53.0
COOPER	182	161	14	51	41	9	28.0	25.5	64.3
CRAWFORD	279	279	0	74	74	0	26.5	26.5	--
DADE	97	95	0	14	14	0	14.4	14.7	--
DALLAS	194	194	0	38	38	0	19.6	19.6	--
DAVIESS	117	115	0	21	19	0	17.9	16.5	--
DE KALB	95	94	0	13	13	0	13.7	13.8	--
DENT	159	156	2	35	34	1	22.0	21.8	50.0
DOUGLAS	163	161	0	41	40	0	25.2	24.8	--
DUNKLIN	512	431	81	203	133	70	39.6	30.9	86.4

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000  
OR MORE POPULATION: MISSOURI 1991

COUNTIES	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
FRANKLIN	1,289	1,274	11	259	250	9	20.1	19.6	81.8
GASCONADE	188	188	0	44	44	0	23.4	23.4	--
GENTRY	87	87	0	5	5	0	5.7	5.7	--
GREENE	2,962	2,866	61	698	649	41	23.6	22.6	67.2
GRUNDY	115	114	0	23	22	0	20.0	19.3	--
HARRISON	91	91	0	15	15	0	16.5	16.5	--
HENRY	243	243	0	63	63	0	25.9	25.9	--
HICKORY	63	63	0	11	11	0	17.5	17.5	--
HOLT	79	76	0	11	10	0	13.9	13.2	--
HOWARD	132	117	13	32	21	11	24.2	17.9	84.6
HOWELL	474	472	0	101	101	0	21.3	21.4	--
IRON	134	132	2	32	31	1	23.9	23.5	50.0
JACKSON	10,599	7,104	3,245	4,311	1,721	2,498	40.7	24.2	77.0
JASPER	1,385	1,352	20	369	351	15	26.6	26.0	75.0
JEFFERSON	2,778	2,731	30	630	605	22	22.7	22.2	73.3
JOHNSON	647	587	43	99	84	14	15.3	14.3	32.6
KNOX	54	53	0	8	8	0	14.8	15.1	--
LACLEDE	414	413	0	89	89	0	21.5	21.5	--
LAFAYETTE	428	412	11	98	89	8	22.9	21.6	72.7
LAWRENCE	441	439	0	108	108	0	24.5	24.6	--
LEWIS	112	105	4	29	26	3	25.9	24.8	75.0
LINCOLN	483	469	10	110	103	6	22.8	22.0	60.0
LINN	189	186	2	40	39	1	21.2	21.0	50.0
LIVINGSTON	194	192	1	34	33	1	17.5	17.2	100.0
MC DONALD	248	242	0	62	61	0	25.0	25.2	--
MACON	184	177	4	45	41	3	24.5	23.2	75.0
MADISON	156	156	0	41	41	0	26.3	26.3	--
MARIES	87	84	0	22	21	0	25.3	25.0	--
MARION	429	403	26	122	101	21	28.4	25.1	80.8
MERCER	28	28	0	4	4	0	14.3	14.3	--
MILLER	312	309	0	91	91	0	29.2	29.4	--
MISSISSIPPI	224	159	65	109	51	58	48.7	32.1	89.2
MONITEAU	143	140	0	26	25	0	18.2	17.9	--
MONROE	102	97	4	26	25	1	25.5	25.8	25.0
MONTGOMERY	133	129	3	30	27	3	22.6	20.9	100.0

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000  
OR MORE POPULATION: MISSOURI 1991

COUNTIES	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
MORGAN	221	215	2	52	48	2	23.5	22.3	100.0
NEW MADRID	346	259	85	135	67	67	39.0	25.9	78.8
NEWTON	639	630	1	140	136	1	21.9	21.6	100.0
NODAWAY	209	203	2	36	34	2	17.2	16.7	100.0
OREGON	128	128	0	29	29	0	22.7	22.7	--
OSAGE	177	176	1	18	17	1	10.2	9.7	100.0
OZARK	70	68	0	18	18	0	25.7	26.5	--
PEMISCOT	385	208	176	221	79	142	57.4	38.0	80.7
PERRY	211	210	0	49	49	0	23.2	23.3	--
PETTIS	550	525	17	128	113	12	23.3	21.5	70.6
PHELPS	449	419	6	72	72	0	16.0	17.2	--
PIKE	237	224	12	50	42	8	21.1	18.8	66.7
PLATTE	909	855	36	155	139	14	17.1	16.3	38.9
POLK	298	297	0	44	44	0	14.8	14.8	--
PULASKI	722	589	96	133	103	26	18.4	17.5	27.1
PUTNAM	47	47	0	6	6	0	12.8	12.8	--
RALLS	105	103	1	13	13	0	12.4	12.6	--
RANDOLPH	345	326	12	86	76	10	24.9	23.3	83.3
RAY	309	302	5	82	76	5	26.5	25.2	100.0
REYNOLDS	74	72	0	24	22	0	32.4	30.6	--
RIPLEY	165	163	0	38	37	0	23.0	22.7	--
ST. CHARLES	3,744	3,616	91	573	518	54	15.3	14.3	59.3
ST. CLAIR	95	94	0	21	21	0	22.1	22.3	--
ST. FRANCOIS	703	695	3	180	177	2	25.6	25.5	66.7
STE. GENEVIEVE	226	224	2	45	43	2	19.9	19.2	100.0
ST. LOUIS CITY	8,255	2,757	5,385	5,469	865	4,561	66.3	31.4	84.7
ST. LOUIS COUNTY	14,620	11,062	3,289	3,625	1,334	2,273	24.8	12.1	69.1
SALINE	315	292	18	114	96	15	36.2	32.9	83.3
SCHUYLER	54	54	0	6	6	0	11.1	11.1	--
SCOTLAND	59	59	0	7	7	0	11.9	11.9	--
SCOTT	637	508	127	228	127	101	35.8	25.0	79.5
SHANNON	107	107	0	15	15	0	14.0	14.0	--
SHELBY	102	102	0	18	18	0	17.6	17.6	--
STODDARD	330	322	7	82	76	5	24.8	23.6	71.4
STONE	251	250	0	60	60	0	23.9	24.0	--

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
SULLIVAN	70	70	0	7	7	0	10.0	10.0	--
TANEY	320	317	1	78	77	1	24.4	24.3	100.0
TEXAS	275	273	0	68	68	0	24.7	24.9	--
VERNON	260	257	1	79	78	1	30.4	30.4	100.0
WARREN	349	330	10	93	81	8	26.6	24.5	80.0
WASHINGTON	299	298	1	111	110	1	37.1	36.9	100.0
WAYNE	175	175	0	48	48	0	27.4	27.4	--
WEBSTER	361	360	0	50	50	0	13.9	13.9	--
WORTH	20	20	0	0	0	0	--	--	--
WRIGHT	236	235	0	50	50	0	21.2	21.3	--
CITIES OVER 25,000 POPULATION									
BLUE SPRINGS	689	663	13	105	102	3	15.2	15.4	23.1
CAPE GIRARDEAU	457	376	74	149	92	57	32.6	24.5	77.0
COLUMBIA	1,148	814	216	329	155	163	28.7	19.0	75.5
FLORISSANT	705	644	53	124	91	32	17.6	14.1	60.4
GLADSTONE	298	292	2	44	43	0	14.8	14.7	--
INDEPENDENCE	1,741	1,666	33	501	471	21	28.8	28.3	63.6
JEFFERSON CITY	519	457	57	147	112	34	28.3	24.5	59.6
KIRKWOOD	384	336	45	59	24	35	15.4	7.1	77.8
LEES SUMMIT	798	776	17	108	99	9	13.5	12.8	52.9
MARYLAND HEIGHTS	412	376	21	58	48	10	14.1	12.8	47.6
RAYTOWN	365	333	21	77	64	10	21.1	19.2	47.6
ST. CHARLES	1,124	1,074	35	240	214	26	21.4	19.9	74.3
ST. JOSEPH	1,118	1,063	39	396	363	29	35.4	34.1	74.4
ST. LOUIS CITY	8,255	2,757	5,385	5,469	865	4,561	66.3	31.4	84.7
ST. PETERS	754	735	11	80	77	3	10.6	10.5	27.3
SPRINGFIELD	2,099	2,008	59	578	529	41	27.5	26.3	69.5
UNIVERSITY CITY	739	324	401	291	15	275	39.4	4.6	68.6
MULTI-COUNTY CITIES									
JOPLIN	843	816	18	237	222	13	28.1	27.2	72.2
JASPER CO. PART	723	697	17	213	199	12	29.5	28.6	70.6
NEWTON CO. PART	120	119	1	24	23	1	20.0	19.3	100.0
KANSAS CITY	7,768	4,459	3,111	3,597	1,093	2,426	46.3	24.5	78.0
JACKSON CO. PART	6,155	2,931	3,063	3,296	820	2,402	53.5	28.0	78.4
CLAY CO. PART	1,142	1,087	29	228	209	15	20.0	19.2	51.7
PLATTE CO. PART	471	441	19	73	64	9	15.5	14.5	47.4
CASS CO. PART	0	0	0	0	0	0	--	--	--

TABLE 10A RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY RACE OF MOTHER, REGIONAL PLANNING COMMISSION: MISSOURI 1991

	TOTAL		STATE TOTAL		BLACK		EAST-WEST		MID AMERICA		SOUTHWEST	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	78,468	100.0	63,590	100.0	13,619	100.0	30,686	100.0	15,063	100.0	5,850	100.0
UNDER 2500 GRAMS	5,884	7.5	3,919	6.2	1,874	13.8	2,458	8.0	1,156	7.7	417	7.1
OVER 4499 GRAMS	1,256	1.6	1,144	1.8	92	0.7	444	1.4	235	1.6	109	1.9
CROWN HEEL LT 47 CM (<18.5 IN)	5,378	7.1	3,719	6.1	1,591	12.0	1,961	6.5	1,190	8.3	340	6.0
LESS THAN 37 WEEKS GESTATION	7,756	9.9	5,121	8.1	2,517	18.5	3,243	10.6	1,558	10.3	578	9.9
APGAR SCORE LESS THAN 8	2,509	3.2	1,758	2.8	718	5.3	872	2.8	528	3.5	129	2.2
CONGENITAL ANOMALIES	1,106	1.4	900	1.4	188	1.4	350	1.1	212	1.4	71	1.2
ABNORMAL CONDITIONS OF NEWBORN	4,463	5.7	3,448	5.4	945	6.9	1,635	5.3	701	4.7	386	6.6
INFANT TRANSFERS	1,339	1.7	1,007	1.6	314	2.3	541	1.8	200	1.3	47	0.8
MATERNAL TRANSFERS	2,284	2.9	1,426	2.2	802	5.9	427	1.4	1,100	7.3	117	2.0
HOME DELIVERIES	612	0.8	480	0.8	126	0.9	249	0.8	79	0.5	73	1.2
CESAREAN DELIVERIES	17,759	22.6	15,050	23.7	2,409	17.7	6,936	22.6	3,060	20.3	1,548	26.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	18,903	24.1	16,043	25.2	2,698	19.8	6,625	21.6	3,552	23.6	1,483	25.4
DRANK ALCOHOL DURING PREG	1,989	2.5	1,516	2.4	455	3.3	859	2.8	570	3.8	68	1.2
GT 15 PERCENT UNDERWEIGHT	7,401	9.9	6,056	10.0	1,129	8.7	2,772	9.5	1,555	10.7	610	10.7
GT 20 PERCENT OVERWEIGHT	17,757	23.8	13,762	22.7	3,842	29.6	6,546	21.3	3,339	22.2	1,275	21.8
GAINED LT 20 LBS DURING PREG	10,334	13.7	7,742	12.6	2,443	19.3	3,874	13.4	1,660	11.6	745	12.8
MATERNAL EDUCATION UNDER 12	16,327	20.8	11,552	18.2	4,560	33.5	5,805	18.9	2,966	19.7	1,260	21.5
OUT-OF-WEDLOCK BIRTHS	23,673	30.2	12,912	20.3	10,511	77.2	10,556	34.4	5,161	34.3	1,260	21.5
LIVE BIRTH ORDER 4 OR MORE	7,907	10.1	5,305	8.3	2,480	18.2	3,405	11.1	1,486	9.9	520	8.9
LT 18 MOS SINCE LAST BIRTH	6,480	14.3	4,277	11.8	2,114	25.1	2,730	9.8	1,292	15.2	475	14.3
PRENATAL CARE												
1ST TRIMESTER	61,133	77.9	52,069	81.9	8,109	59.5	24,600	80.2	11,861	78.7	4,569	78.1
2ND TRIMESTER	12,682	16.2	8,997	14.1	3,495	25.7	4,282	14.0	2,064	13.7	1,032	17.6
3RD TRIMESTER	2,142	2.7	1,443	2.3	660	4.8	576	1.9	426	2.8	171	2.9
NO PRENATAL CARE	1,318	1.7	494	0.8	805	5.9	771	2.5	241	1.6	71	1.2
INADEQUATE PRENATAL CARE	13,149	17.3	8,364	13.4	4,580	36.5	4,916	16.3	2,124	15.5	906	15.5
MOTHER MEDICAID PARTICIPANT	27,582	36.2	17,990	29.2	9,293	69.4	9,388	30.8	4,932	34.7	2,289	40.1
MOTHER WIC PARTICIPANT	27,524	36.1	18,699	30.3	8,497	63.5	8,950	29.4	4,693	33.0	2,305	40.4
MOTHER ON MEDICAID AND WIC	21,542	28.3	14,144	23.0	7,196	53.7	6,993	22.9	3,662	25.8	1,834	32.1
MOTHER FOOD STAMP RECIPIENT	17,875	23.5	10,659	17.3	7,025	52.5	6,589	21.6	3,324	23.4	1,164	20.4
AGE OF MOTHER												
UNDER 15	203	0.3	72	0.1	130	1.0	85	0.3	61	0.4	5	0.1
15-17	3,902	5.0	2,354	3.7	1,516	11.1	1,477	4.8	812	5.4	225	3.8
18-19	7,193	9.2	5,144	8.1	1,975	14.5	2,312	7.5	1,348	8.9	609	10.4
20-24	21,973	28.0	17,166	27.0	4,532	33.3	7,136	23.3	4,181	27.8	1,882	32.2
25-29	23,464	29.9	20,021	31.5	3,064	22.5	9,498	31.0	4,568	30.3	1,694	29.0
30-34	15,623	19.9	13,570	21.3	1,720	12.6	7,243	23.6	2,949	19.6	1,045	17.9
35-39	5,273	6.7	4,570	7.2	573	4.2	2,551	8.3	988	6.6	334	5.7
40 AND OVER	818	1.0	679	1.1	106	0.8	379	1.2	153	1.0	54	0.9

TABLE 10A (CONT)

	MID-MISSOURI		MO KAN		NORTHWEST MISSOURI		GREEN HILLS		MISSOURI VALLEY		NORTHEAST MISSOURI	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	4,157	100.0	1,728	100.0	477	100.0	941	100.0	552	100.0	517	100.0
UNDER 2500 GRAMS	291	7.0	108	6.3	25	5.2	52	5.5	42	7.6	23	4.4
OVER 4499 GRAMS	77	1.9	27	1.6	12	2.5	18	1.9	10	1.8	13	2.5
CROWN HEEL LT 47 CM (<18.5 IN)	261	6.5	83	4.9	23	5.1	101	11.2	52	9.7	20	4.8
LESS THAN 37 WEEKS GESTATION	356	8.6	133	7.7	35	7.3	69	7.3	71	12.9	35	6.8
APGAR SCORE LESS THAN 8	130	3.1	32	1.9	20	4.2	30	3.2	18	3.3	20	3.9
CONGENITAL ANOMALIES	76	1.8	28	1.6	5	1.0	16	1.7	16	2.9	12	2.3
ABNORMAL CONDITIONS OF NEWBORN	291	7.0	37	2.1	17	3.6	55	5.8	33	6.0	38	7.4
INFANT TRANSFERS	44	1.1	14	0.8	13	2.7	28	3.0	12	2.2	17	3.3
MATERNAL TRANSFERS	77	1.9	26	1.5	13	2.7	21	2.2	22	4.0	21	4.1
HOME DELIVERIES	40	1.0	6	0.3	1	0.2	20	2.1	1	0.2	19	3.7
CESAREAN DELIVERIES	921	22.2	220	12.7	85	17.8	220	23.4	127	23.0	145	28.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	887	21.3	530	30.7	125	26.2	257	27.3	178	32.2	102	19.7
DRANK ALCOHOL DURING PREG	105	2.5	28	1.6	6	1.3	9	1.0	18	3.3	4	0.8
GT 15 PERCENT UNDERWEIGHT	339	8.7	163	9.6	36	8.1	67	7.4	63	11.7	30	7.1
GT 20 PERCENT OVERWEIGHT	1,038	25.0	428	24.8	118	24.7	236	25.1	180	32.6	117	22.6
GAINED LT 20 LBS DURING PREG	615	15.6	283	16.9	85	18.0	132	14.1	99	18.4	74	14.5
MATERNAL EDUCATION UNDER 12	627	15.1	387	22.4	56	11.7	197	20.9	138	25.0	98	19.0
OUT-OF-WEDLOCK BIRTHS	943	22.7	510	29.5	73	15.3	168	17.9	157	28.4	81	15.7
LIVE BIRTH ORDER 4 OR MORE	340	8.2	152	8.8	62	13.0	114	12.1	51	9.2	73	14.1
LT 18 MOS SINCE LAST BIRTH	234	10.1	150	14.8	26	8.6	71	11.9	46	14.8	31	9.8
PRENATAL CARE												
1ST TRIMESTER	3,217	77.4	1,154	66.8	409	85.7	796	84.6	418	75.7	417	80.7
2ND TRIMESTER	691	16.6	480	27.8	57	11.9	110	11.7	98	17.8	77	14.9
3RD TRIMESTER	125	3.0	72	4.2	11	2.3	24	2.6	18	3.3	17	3.3
NO PRENATAL CARE	25	0.6	8	0.5	0	0.0	4	0.4	6	1.1	1	0.2
INADEQUATE PRENATAL CARE	556	14.5	645	37.9	76	15.9	133	14.3	87	16.4	78	15.3
MOTHER MEDICAID PARTICIPANT	1,141	27.7	711	41.7	150	33.5	397	44.0	255	46.6	155	36.4
MOTHER WIC PARTICIPANT	1,093	26.5	609	35.8	189	42.2	443	49.1	250	45.7	184	43.2
MOTHER ON MEDICAID AND WIC	862	20.9	528	31.0	125	27.9	347	38.4	214	39.1	128	30.0
MOTHER FOOD STAMP RECIPIENT	709	17.2	487	28.6	76	17.0	226	25.0	151	27.6	82	19.2
AGE OF MOTHER												
UNDER 15	6	0.1	3	0.2	1	0.2	1	0.1	1	0.2	0	0.0
15-17	144	3.5	91	5.3	9	1.9	37	3.9	29	5.3	16	3.1
18-19	294	7.1	189	10.9	34	7.1	97	10.3	55	10.0	28	5.4
20-24	1,100	26.5	570	33.0	135	28.3	305	32.4	199	36.1	160	30.9
25-29	1,345	32.4	484	28.0	176	36.9	280	29.8	157	28.4	155	30.0
30-34	902	21.7	274	15.9	90	18.9	152	16.2	81	14.7	101	19.5
35-39	317	7.6	103	6.0	29	6.1	55	5.8	24	4.3	48	9.3
40 AND OVER	47	1.1	14	0.8	3	0.6	14	1.5	6	1.1	7	1.4

TABLE 10A (CONT)

	MARK TWAIN		BOONSLICK		OZARK GATEWAY		KAYSINGER BASIN		SHOW-ME		SOUTH CENTRAL OZARK	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,616	100.0	965	100.0	2,437	100.0	1,072	100.0	1,625	100.0	1,453	100.0
UNDER 2500 GRAMS	126	7.8	71	7.4	163	6.7	57	5.3	108	6.6	87	6.0
OVER 4499 GRAMS	29	1.8	16	1.7	39	1.6	18	1.7	33	2.0	22	1.5
CROWN HEEL LT 47 CM (<18.5 IN)	108	8.4	65	6.8	112	4.9	63	6.3	102	6.4	87	6.2
LESS THAN 37 WEEKS GESTATION	132	8.2	78	8.1	250	10.3	94	8.8	130	8.0	133	9.2
APGAR SCORE LESS THAN 8	65	4.0	26	2.7	76	3.1	75	7.0	54	3.3	48	3.3
CONGENITAL ANOMALIES	53	3.3	19	2.0	35	1.4	13	1.2	22	1.4	28	1.9
ABNORMAL CONDITIONS OF NEWBORN	115	7.1	97	10.1	210	8.6	54	5.0	108	6.6	109	7.5
INFANT TRANSFERS	33	2.0	30	3.1	25	1.0	18	1.7	21	1.3	21	1.4
MATERNAL TRANSFERS	38	2.4	35	3.6	61	2.5	30	2.8	53	3.3	62	4.3
HOME DELIVERIES	21	1.3	6	0.6	13	0.5	3	0.3	15	0.9	15	1.0
CESAREAN DELIVERIES	316	19.6	252	26.1	476	19.5	277	25.8	350	21.5	353	24.3
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	443	27.4	322	33.4	616	25.3	319	29.8	413	25.4	438	30.1
DRANK ALCOHOL DURING PREG	30	1.9	25	2.6	43	1.8	34	3.2	46	2.8	14	1.0
GT 15 PERCENT UNDERWEIGHT	129	10.2	97	10.4	225	9.9	112	10.6	155	9.7	158	11.1
GT 20 PERCENT OVERWEIGHT	358	22.2	237	24.6	576	23.6	277	25.8	383	23.6	364	25.1
GAINED LT 20 LBS DURING PREG	265	16.9	151	16.2	318	13.1	186	17.8	216	13.5	223	15.4
MATERNAL EDUCATION UNDER 12	358	22.2	220	22.8	650	26.7	281	26.2	280	17.2	442	30.4
OUT-OF-WEDLOCK BIRTHS	389	24.1	233	24.1	594	24.4	264	24.6	325	20.0	322	22.2
LIVE BIRTH ORDER 4 OR MORE	160	9.9	102	10.6	202	8.3	101	9.4	163	10.0	130	8.9
LT 18 MOS SINCE LAST BIRTH	130	14.1	85	13.9	186	13.3	94	14.9	108	11.9	117	13.3
PRENATAL CARE												
1ST TRIMESTER	1,183	73.2	716	74.2	1,782	73.1	865	80.7	1,295	79.7	1,092	75.2
2ND TRIMESTER	306	18.9	199	20.6	538	22.1	165	15.4	248	15.3	328	22.6
3RD TRIMESTER	76	4.7	28	2.9	99	4.1	30	2.8	54	3.3	24	1.7
NO PRENATAL CARE	14	0.9	11	1.1	16	0.7	4	0.4	17	1.0	8	0.6
INADEQUATE PRENATAL CARE	310	20.0	179	19.1	496	20.4	124	11.8	245	15.4	263	18.2
MOTHER MEDICAID PARTICIPANT	589	45.0	283	29.4	958	42.0	536	53.6	530	33.0	840	59.2
MOTHER WIC PARTICIPANT	657	50.2	324	33.7	989	43.4	519	51.9	598	37.2	939	66.1
MOTHER ON MEDICAID AND WIC	516	39.4	219	22.8	755	33.1	447	44.7	416	25.9	730	51.4
MOTHER FOOD STAMP RECIPIENT	374	28.6	176	18.3	526	23.1	316	31.6	316	19.7	505	35.6
AGE OF MOTHER												
UNDER 15	2	0.1	1	0.1	1	0.0	1	0.1	1	0.1	2	0.1
15-17	66	4.1	44	4.6	126	5.2	73	6.8	71	4.4	97	6.7
18-19	156	9.7	80	8.3	325	13.3	138	12.9	165	10.2	203	14.0
20-24	548	33.9	301	31.2	845	34.7	350	32.6	518	31.9	519	35.7
25-29	468	29.0	298	30.9	662	27.2	294	27.4	491	30.2	385	26.5
30-34	283	17.5	175	18.1	355	14.6	153	14.3	284	17.5	177	12.2
35-39	82	5.1	53	5.5	104	4.3	54	5.0	86	5.3	57	3.9
40 AND OVER	9	0.6	12	1.2	19	0.8	9	0.8	9	0.6	13	0.9

TABLE 10A (CONT)

	MERAMEC		LAKE OF THE OZARKS		SOUTHEAST MISSOURI		BOOTHEEL		OZARK FOOTHILLS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,461	100.0	2,002	100.0	2,409	100.0	2,434	100.0	1,022	100.0
UNDER 2500 GRAMS	89	6.1	150	7.5	152	6.3	227	9.3	82	8.0
OVER 4499 GRAMS	26	1.8	39	1.9	39	1.6	30	1.2	20	2.0
CROWN HEEL LT 47 CM (<18.5 IN)	85	5.9	134	6.8	196	8.2	279	12.8	116	11.6
LESS THAN 37 WEEKS GESTATION	111	7.6	178	8.9	217	9.0	271	11.1	84	8.2
APGAR SCORE LESS THAN 8	45	3.1	72	3.6	81	3.4	113	4.6	75	7.3
CONGENITAL ANOMALIES	21	1.4	39	1.9	30	1.2	54	2.2	6	0.6
ABNORMAL CONDITIONS OF NEWBORN	51	3.5	147	7.3	108	4.5	230	9.4	41	4.0
INFANT TRANSFERS	28	1.9	40	2.0	62	2.6	112	4.6	33	3.2
MATERNAL TRANSFERS	24	1.6	53	2.6	41	1.7	51	2.1	12	1.2
HOME DELIVERIES	10	0.7	12	0.6	19	0.8	6	0.2	4	0.4
CESAREAN DELIVERIES	350	24.0	471	23.5	728	30.2	687	28.2	237	23.2
MATERNAL RISK FACTORS										
SMOKED DURING PREGNANCY	430	29.4	514	25.7	631	26.2	701	28.8	337	33.0
DRANK ALCOHOL DURING PREG	22	1.5	43	2.1	18	0.7	32	1.3	15	1.5
GT 15 PERCENT UNDERWEIGHT	156	10.8	197	10.0	212	8.9	210	9.6	115	11.7
GT 20 PERCENT OVERWEIGHT	366	25.1	459	22.9	577	24.0	588	24.2	295	28.9
GAINED LT 20 LBS DURING PREG	203	14.1	281	14.2	334	13.9	419	17.9	171	17.9
MATERNAL EDUCATION UNDER 12	407	27.9	460	23.0	530	22.0	869	35.7	296	29.0
OUT-OF-WEDLOCK BIRTHS	358	24.5	429	21.4	573	23.8	978	40.2	299	29.3
LIVE BIRTH ORDER 4 OR MORE	124	8.5	211	10.5	162	6.7	260	10.7	89	8.7
LT 18 MOS SINCE LAST BIRTH	94	11.0	153	12.9	121	9.1	254	17.8	83	14.7
PRENATAL CARE										
1ST TRIMESTER	1,070	73.2	1,572	78.5	1,851	76.8	1,597	65.6	668	65.4
2ND TRIMESTER	334	22.9	338	16.9	471	19.6	611	25.1	253	24.8
3RD TRIMESTER	40	2.7	60	3.0	66	2.7	152	6.2	73	7.1
NO PRENATAL CARE	11	0.8	11	0.5	15	0.6	63	2.6	21	2.1
INADEQUATE PRENATAL CARE	240	16.5	316	16.3	335	14.0	733	30.3	387	38.3
MOTHER MEDICAID PARTICIPANT	657	45.1	686	34.4	948	39.5	1,467	66.6	670	66.1
MOTHER WIC PARTICIPANT	688	47.3	809	40.6	1,120	46.6	1,511	68.6	654	64.6
MOTHER ON MEDICAID AND WIC	541	37.2	527	26.5	804	33.5	1,317	59.8	577	57.0
MOTHER FOOD STAMP RECIPIENT	395	27.1	423	21.2	530	22.1	1,065	48.4	441	43.5
AGE OF MOTHER										
UNDER 15	3	0.2	2	0.1	7	0.3	15	0.6	5	0.5
15-17	72	4.9	88	4.4	123	5.1	224	9.2	78	7.6
18-19	168	11.5	211	10.5	262	10.9	358	14.7	161	15.8
20-24	506	34.6	683	34.1	796	33.0	881	36.2	358	35.0
25-29	411	28.1	599	29.9	674	28.0	598	24.6	227	22.2
30-34	219	15.0	309	15.4	418	17.4	263	10.8	149	14.6
35-39	73	5.0	94	4.7	110	4.6	79	3.2	32	3.1
40 AND OVER	9	0.6	16	0.8	19	0.8	15	0.6	11	1.1

TABLE 10B

## RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

MISSOURI 1991

	ADAIR		ANDREW		ATCHISON		AUDRAIN		BARRY		BARTON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	266	100.0	186	100.0	82	100.0	318	100.0	441	100.0	165	100.0
UNDER 2500 GRAMS	14	5.3	8	4.3	4	4.9	19	6.0	34	7.7	12	7.3
OVER 4499 GRAMS	7	2.6	4	2.2	2	2.4	4	1.3	11	2.5	5	3.0
CROWN HEEL LT 47 CM (<18.5 IN)	9	3.5	6	3.2	5	7.7	23	7.5	20	6.1	9	5.6
LESS THAN 37 WEEKS GESTATION	21	7.9	11	5.9	11	13.4	31	9.7	55	12.5	16	9.7
APGAR SCORE LESS THAN 8	15	5.6	6	3.2	5	6.1	14	4.4	16	3.6	7	4.2
CONGENITAL ANOMALIES	5	1.9	4	2.2	1	1.2	1	0.3	7	1.6	4	2.4
ABNORMAL CONDITIONS OF NEWBORN	26	9.8	5	2.7	6	7.3	23	7.2	53	12.0	9	5.5
INFANT TRANSFERS	12	4.5	2	1.1	5	6.1	8	2.5	10	2.3	2	1.2
MATERNAL TRANSFERS	10	3.8	1	0.5	4	4.9	7	2.2	12	2.7	2	1.2
HOME DELIVERIES	1	0.4	0	0.0	0	0.0	8	2.5	2	0.5	1	0.6
CESAREAN DELIVERIES	82	30.8	22	11.8	15	18.3	80	25.2	139	31.5	35	21.2
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	46	17.3	29	15.6	27	32.9	82	25.8	128	29.0	33	20.0
DRANK ALCOHOL DURING PREG	0	0.0	0	0.0	1	1.2	9	2.8	4	0.9	1	0.6
GT 15 PERCENT UNDERWEIGHT	21	8.0	13	7.1	2	3.1	22	7.1	36	11.0	14	8.5
GT 20 PERCENT OVERWEIGHT	63	24.0	51	28.0	17	26.2	96	31.1	83	25.4	46	28.0
GAINED LT 20 LBS DURING PREG	34	12.8	37	20.4	20	24.7	61	20.3	53	12.2	33	20.0
MATERNAL EDUCATION UNDER 12	40	15.0	21	11.3	6	7.3	65	20.4	118	26.8	30	18.2
OUT-OF-WEDLOCK BIRTHS	40	15.0	26	14.0	21	25.6	82	25.8	95	21.5	23	13.9
LIVE BIRTH ORDER 4 OR MORE	31	11.7	14	7.5	9	11.0	35	11.0	51	11.6	19	11.5
LT 18 MOS SINCE LAST BIRTH	14	9.3	11	9.4	5	9.3	10	5.5	43	16.3	14	13.3
PRENATAL CARE												
1ST TRIMESTER	227	85.3	149	80.1	74	90.2	242	76.1	320	72.6	138	83.6
2ND TRIMESTER	34	12.8	30	16.1	8	9.8	52	16.4	97	22.0	23	13.9
3RD TRIMESTER	4	1.5	6	3.2	0	0.0	12	3.8	11	2.5	3	1.8
NO PRENATAL CARE	0	0.0	0	0.0	0	0.0	2	0.6	11	2.5	1	0.6
INADEQUATE PRENATAL CARE	30	11.3	59	31.9	7	8.5	46	15.6	91	20.8	19	11.6
MOTHER MEDICAID PARTICIPANT	88	33.2	45	24.3	24	36.9	111	35.2	137	41.6	56	35.0
MOTHER WIC PARTICIPANT	106	40.0	51	27.6	32	49.2	123	39.0	149	45.3	70	43.8
MOTHER ON MEDICAID AND WIC	70	26.4	38	20.5	21	32.3	98	31.1	111	33.7	47	29.4
MOTHER FOOD STAMP RECIPIENT	50	18.9	32	17.3	15	23.1	79	25.1	65	19.8	30	18.8
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	2	0.6	1	0.2	0	0.0
15-17	8	3.0	4	2.2	2	2.4	17	5.3	24	5.4	10	6.1
18-19	8	3.0	13	7.0	5	6.1	34	10.7	54	12.2	15	9.1
20-24	77	28.9	56	30.1	17	20.7	72	22.6	146	33.1	48	29.1
25-29	83	31.2	54	29.0	40	48.8	100	31.4	131	29.7	48	29.1
30-34	56	21.1	41	22.0	12	14.6	61	19.2	62	14.1	28	17.0
35-39	30	11.3	14	7.5	6	7.3	27	8.5	18	4.1	12	7.3
40 AND OVER	4	1.5	4	2.2	0	0.0	5	1.6	5	1.1	4	2.4

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	BATES		BENTON		BOLLINGER		BOONE		BUCHANAN		BUTLER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	176	100.0	105	100.0	141	100.0	1,788	100.0	1,237	100.0	530	100.0
UNDER 2500 GRAMS	12	6.8	3	2.9	7	5.0	136	7.6	80	6.5	50	9.4
OVER 4499 GRAMS	2	1.1	2	1.9	3	2.1	32	1.8	19	1.5	12	2.3
CROWN HEEL LT 47 CM (<18.5 IN)	13	8.0	5	4.8	12	8.6	108	6.2	49	4.0	62	12.0
LESS THAN 37 WEEKS GESTATION	11	6.3	9	8.6	12	8.5	163	9.1	89	7.2	44	8.3
APGAR SCORE LESS THAN 8	7	4.0	4	3.8	8	5.7	52	2.9	17	1.4	45	8.5
CONGENITAL ANOMALIES	3	1.7	1	1.0	2	1.4	35	2.0	17	1.4	2	0.4
ABNORMAL CONDITIONS OF NEWBORN	6	3.4	5	4.8	9	6.4	140	7.8	18	1.5	26	4.9
INFANT TRANSFERS	3	1.7	1	1.0	7	5.0	13	0.7	6	0.5	20	3.8
MATERNAL TRANSFERS	7	4.0	1	1.0	0	0.0	17	1.0	14	1.1	8	1.5
HOME DELIVERIES	0	0.0	0	0.0	4	2.8	8	0.4	4	0.3	2	0.4
CESAREAN DELIVERIES	44	25.0	21	20.0	39	27.7	401	22.4	152	12.3	134	25.3
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	51	29.0	36	34.3	38	27.0	339	19.0	414	33.5	163	30.8
DRANK ALCOHOL DURING PREG	7	4.0	6	5.7	0	0.0	53	3.0	24	1.9	7	1.3
GT 15 PERCENT UNDERWEIGHT	13	7.5	11	10.7	15	10.7	140	8.6	120	9.9	55	10.8
GT 20 PERCENT OVERWEIGHT	48	27.7	20	19.4	44	31.4	407	24.9	294	24.3	147	28.9
GAINED LT 20 LBS DURING PREG	37	21.1	12	11.9	24	17.1	223	13.4	200	16.8	101	20.6
MATERNAL EDUCATION UNDER 12	35	19.9	29	27.6	30	21.3	225	12.6	309	25.0	130	24.5
OUT-OF-WEDLOCK BIRTHS	28	15.9	27	25.7	26	18.4	425	23.8	415	33.5	167	31.5
LIVE BIRTH ORDER 4 OR MORE	20	11.4	6	5.7	12	8.5	128	7.2	102	8.2	40	7.5
LT 18 MOS SINCE LAST BIRTH	21	17.2	6	11.1	7	9.5	93	9.8	114	16.0	47	16.4
PRENATAL CARE												
1ST TRIMESTER	150	85.2	90	85.7	92	65.2	1,406	78.6	767	62.0	361	68.1
2ND TRIMESTER	22	12.5	11	10.5	42	29.8	267	14.9	397	32.1	115	21.7
3RD TRIMESTER	1	0.6	3	2.9	5	3.5	53	3.0	56	4.5	39	7.4
NO PRENATAL CARE	1	0.6	1	1.0	2	1.4	10	0.6	7	0.6	13	2.5
INADEQUATE PRENATAL CARE	18	10.6	7	6.8	30	21.3	224	14.0	513	41.9	195	37.1
MOTHER MEDICAID PARTICIPANT	77	47.5	59	56.7	51	36.2	485	27.3	560	46.0	316	60.4
MOTHER WIC PARTICIPANT	82	50.6	64	61.5	73	51.8	459	25.9	436	35.8	302	57.7
MOTHER ON MEDICAID AND WIC	72	44.4	53	51.0	38	27.0	358	20.2	401	32.9	267	51.1
MOTHER FOOD STAMP RECIPIENT	44	27.2	30	28.8	19	13.5	316	17.8	398	32.7	218	41.7
AGE OF MOTHER												
UNDER 15	1	0.6	0	0.0	1	0.7	2	0.1	3	0.2	5	0.9
15-17	6	3.4	7	6.7	9	6.4	53	3.0	76	6.1	35	6.6
18-19	17	9.7	15	14.3	19	13.5	96	5.4	144	11.6	75	14.2
20-24	56	31.8	40	38.1	53	37.6	438	24.5	414	33.5	188	35.5
25-29	57	32.4	27	25.7	32	22.7	593	33.2	349	28.2	116	21.9
30-34	28	15.9	12	11.4	15	10.6	413	23.1	179	14.5	85	16.0
35-39	8	4.5	4	3.8	12	8.5	168	9.4	64	5.2	19	3.6
40 AND OVER	3	1.7	0	0.0	0	0.0	24	1.3	8	0.6	6	1.1

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

	CALDWELL		CALLAWAY		CAMDEN		MISSOURI 1991 CAPE GIRARDEAU		CARROLL		CARTER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	90	100.0	504	100.0	333	100.0	838	100.0	150	100.0	78	100.0
UNDER 2500 GRAMS	2	2.2	39	7.7	27	8.1	44	5.3	15	10.0	6	7.7
OVER 4499 GRAMS	2	2.2	7	1.4	7	2.1	13	1.6	2	1.3	1	1.3
CROWN HEEL LT 47 CM (<18.5 IN)	14	15.6	26	5.3	22	6.8	76	9.1	18	12.4	10	13.0
LESS THAN 37 WEEKS GESTATION	2	2.2	48	9.5	30	9.0	80	9.5	12	8.0	6	7.7
APGAR SCORE LESS THAN 8	2	2.2	12	2.4	17	5.1	36	4.3	3	2.0	9	11.5
CONGENITAL ANOMALIES	1	1.1	12	2.4	5	1.5	13	1.6	6	4.0	1	1.3
ABNORMAL CONDITIONS OF NEWBORN	3	3.3	29	5.8	31	9.3	40	4.8	6	4.0	2	2.6
INFANT TRANSFERS	1	1.1	6	1.2	6	1.8	23	2.7	4	2.7	1	1.3
MATERNAL TRANSFERS	0	0.0	11	2.2	14	4.2	9	1.1	3	2.0	1	1.3
HOME DELIVERIES	3	3.3	5	1.0	0	0.0	6	0.7	0	0.0	1	1.3
CESAREAN DELIVERIES	19	21.1	108	21.4	74	22.2	243	29.0	26	17.3	11	14.1
MATERNAL RISK FACTORS												
SHOKED DURING PREGNANCY	26	28.9	149	29.6	105	31.5	156	18.6	44	29.3	30	38.5
DRANK ALCOHOL DURING PREG	1	1.1	7	1.4	12	3.6	4	0.5	5	3.3	1	1.3
GT 15 PERCENT UNDERWEIGHT	9	10.0	49	10.4	39	11.9	76	9.1	12	8.1	12	16.0
GT 20 PERCENT OVERWEIGHT	17	18.9	129	27.4	65	19.9	188	22.5	53	35.8	19	25.3
GAINED LT 20 LBS DURING PREG	10	11.1	78	16.3	42	12.7	103	12.3	22	15.0	14	19.7
MATERNAL EDUCATION UNDER 12	20	22.2	99	19.6	69	20.7	138	16.5	36	24.0	28	35.9
OUT-OF-WEDLOCK BIRTHS	18	20.0	117	23.2	64	19.2	200	23.9	28	18.7	22	28.2
LIVE BIRTH ORDER 4 OR MORE	14	15.6	39	7.7	45	13.5	37	4.4	12	8.0	7	9.0
LT 18 MOS SINCE LAST BIRTH	9	14.3	34	11.8	21	10.7	38	8.5	6	7.2	6	14.0
PRENATAL CARE												
1ST TRIMESTER	72	80.0	372	73.8	277	83.2	656	78.3	126	84.0	39	50.0
2ND TRIMESTER	15	16.7	94	18.7	44	13.2	155	18.5	14	9.3	30	38.5
3RD TRIMESTER	2	2.2	17	3.4	8	2.4	21	2.5	5	3.3	6	7.7
NO PRENATAL CARE	0	0.0	8	1.6	0	0.0	6	0.7	2	1.3	2	2.6
INADEQUATE PRENATAL CARE	13	14.6	86	18.1	49	15.5	100	11.9	15	10.2	32	42.1
MOTHER MEDICAID PARTICIPANT	36	40.0	163	32.4	132	40.0	279	33.3	62	42.2	56	71.8
MOTHER WIC PARTICIPANT	44	48.9	155	30.8	142	43.0	275	32.9	67	45.6	58	74.4
MOTHER ON MEDICAID AND WIC	29	32.2	122	24.3	104	31.5	218	26.0	58	39.5	52	66.7
MOTHER FOOD STAMP RECIPIENT	18	20.0	95	18.9	71	21.5	155	18.5	42	28.6	36	46.2
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.2	0	0.0	2	0.2	1	0.7	0	0.0
15-17	4	4.4	19	3.8	19	5.7	37	4.4	9	6.0	7	9.0
18-19	8	8.9	54	10.7	25	7.5	88	10.5	16	10.7	13	16.7
20-24	33	36.7	150	29.8	119	35.7	240	28.6	47	31.3	32	41.0
25-29	27	30.0	162	32.1	92	27.6	248	29.6	41	27.3	12	15.4
30-34	14	15.6	86	17.1	51	15.3	180	21.5	27	18.0	8	10.3
35-39	3	3.3	27	5.4	25	7.5	39	4.7	7	4.7	4	5.1
40 AND OVER	1	1.1	5	1.0	2	0.6	4	0.5	2	1.3	2	2.6

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	CASS		CEDAR		CHARITON		CHRISTIAN		CLARK		CLAY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	963	100.0	130	100.0	87	100.0	485	100.0	84	100.0	2,283	100.0
UNDER 2500 GRAMS	57	5.9	5	3.8	2	2.3	30	6.2	3	3.6	147	6.4
OVER 4499 GRAMS	17	1.8	5	3.8	2	2.3	9	1.9	1	1.2	48	2.1
CROWN HEEL LT 47 CM (<18.5 IN)	66	7.4	8	6.6	2	2.3	23	4.8	2	18.2	158	7.1
LESS THAN 37 WEEKS GESTATION	77	8.0	9	6.9	6	6.9	50	10.3	1	1.2	182	8.0
APGAR SCORE LESS THAN 8	27	2.8	26	20.0	3	3.4	7	1.4	1	1.2	58	2.5
CONGENITAL ANOMALIES	12	1.2	2	1.5	4	4.6	3	0.6	2	2.4	34	1.5
ABNORMAL CONDITIONS OF NEWBORN	48	5.0	7	5.4	6	6.9	25	5.2	1	1.2	101	4.4
INFANT TRANSFERS	15	1.6	4	3.1	3	3.4	2	0.4	0	0.0	19	0.8
MATERNAL TRANSFERS	28	2.9	2	1.5	7	8.0	7	1.4	3	3.6	74	3.2
HOME DELIVERIES	2	0.2	1	0.8	0	0.0	3	0.6	2	2.4	9	0.4
CESAREAN DELIVERIES	171	17.8	39	30.0	24	27.6	115	23.7	12	14.3	523	22.9
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	241	25.0	43	33.1	23	26.4	119	24.5	21	25.0	571	25.0
DRANK ALCOHOL DURING PREG	37	3.8	2	1.5	6	6.9	4	0.8	1	1.2	43	1.9
GT 15 PERCENT UNDERWEIGHT	89	9.5	14	10.9	4	4.9	58	12.0	2	16.7	259	11.6
GT 20 PERCENT OVERWEIGHT	206	22.0	46	35.7	33	40.2	119	24.6	3	25.0	483	21.6
GAINED LT 20 LBS DURING PREG	104	11.1	29	22.5	20	24.4	67	13.9	16	20.3	249	11.2
MATERNAL EDUCATION UNDER 12	148	15.4	40	30.8	10	11.5	76	15.7	20	23.8	336	14.7
OUT-OF-WEDLOCK BIRTHS	169	17.5	35	26.9	15	17.2	75	15.5	20	23.8	444	19.4
LIVE BIRTH ORDER 4 OR MORE	91	9.4	13	10.0	3	3.4	38	7.8	8	9.5	154	6.7
LT 18 MOS SINCE LAST BIRTH	74	12.6	15	18.8	6	11.8	33	11.8	7	14.0	132	10.7
PRENATAL CARE												
1ST TRIMESTER	800	83.1	113	86.9	62	71.3	389	80.2	57	67.9	1,948	85.3
2ND TRIMESTER	113	11.7	15	11.5	15	17.2	81	16.7	19	22.6	228	10.0
3RD TRIMESTER	19	2.0	2	1.5	4	4.6	10	2.1	5	6.0	45	2.0
NO PRENATAL CARE	12	1.2	0	0.0	1	1.1	5	1.0	0	0.0	23	1.0
INADEQUATE PRENATAL CARE	109	11.8	10	7.7	9	11.4	71	14.6	14	17.7	213	9.8
MOTHER MEDICAID PARTICIPANT	240	27.1	59	47.2	32	36.8	177	36.6	7	58.3	476	21.5
MOTHER WIC PARTICIPANT	186	21.0	56	44.8	37	42.5	195	40.3	7	58.3	412	18.6
MOTHER ON MEDICAID AND WIC	150	17.0	47	37.6	26	29.9	149	30.8	7	58.3	318	14.3
MOTHER FOOD STAMP RECIPIENT	142	16.1	45	36.0	21	24.1	86	17.8	5	41.7	274	12.4
AGE OF MOTHER												
UNDER 15	3	0.3	0	0.0	0	0.0	0	0.0	0	0.0	4	0.2
15-17	30	3.1	10	7.7	1	1.1	13	2.7	3	3.6	74	3.2
18-19	69	7.2	18	13.8	4	4.6	56	11.5	10	11.9	149	6.5
20-24	287	29.8	42	32.3	28	32.2	137	28.2	35	41.7	585	25.6
25-29	328	34.1	31	23.8	36	41.4	145	29.9	17	20.2	790	34.6
30-34	177	18.4	20	15.4	14	16.1	98	20.2	11	13.1	496	21.7
35-39	54	5.6	8	6.2	3	3.4	31	6.4	6	7.1	162	7.1
40 AND OVER	14	1.5	1	0.8	1	1.1	5	1.0	1	1.2	23	1.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	CLINTON		COLE		COOPER		CRAWFORD		DADE		DALLAS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	210	100.0	913	100.0	182	100.0	279	100.0	97	100.0	194	100.0
UNDER 2500 GRAMS	16	7.6	55	6.0	5	2.7	14	5.0	4	4.1	21	10.8
OVER 4499 GRAMS	2	1.0	18	2.0	4	2.2	1	0.4	1	1.0	4	2.1
CROWN HEEL LT 47 CM (<18.5 IN)	24	11.6	67	7.4	7	4.0	16	5.8	5	5.2	13	6.7
LESS THAN 37 WEEKS GESTATION	23	11.0	63	6.9	10	5.5	26	9.3	7	7.2	23	11.9
APGAR SCORE LESS THAN 8	8	3.8	29	3.2	6	3.3	12	4.3	5	5.2	4	2.1
CONGENITAL ANOMALIES	5	2.4	17	1.9	6	3.3	1	0.4	1	1.0	3	1.5
ABNORMAL CONDITIONS OF NEWBORN	12	5.7	60	6.6	9	4.9	6	2.2	8	8.2	15	7.7
INFANT TRANSFERS	4	1.9	11	1.2	1	0.5	3	1.1	3	3.1	2	1.0
MATERNAL TRANSFERS	8	3.8	22	2.4	3	1.6	4	1.4	3	3.1	7	3.6
HOME DELIVERIES	1	0.5	6	0.7	3	1.6	2	0.7	0	0.0	5	2.6
CESAREAN DELIVERIES	33	15.7	209	22.9	35	19.2	79	28.3	19	19.6	38	19.6
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	68	32.4	179	19.6	43	23.6	103	36.9	22	22.7	40	20.6
DRANK ALCOHOL DURING PREG	4	1.9	17	1.9	10	5.5	6	2.2	1	1.0	3	1.5
GT 15 PERCENT UNDERWEIGHT	25	12.0	85	9.6	16	9.3	35	12.7	10	10.3	29	15.1
GT 20 PERCENT OVERWEIGHT	56	26.9	227	25.6	55	32.0	76	27.6	28	28.9	42	21.9
GAINED LT 20 LBS DURING PREG	32	15.5	147	16.6	32	18.3	43	15.6	9	9.3	32	16.5
MATERNAL EDUCATION UNDER 12	38	18.1	127	13.9	37	20.3	87	31.2	19	19.6	72	37.1
OUT-OF-WEDLOCK BIRTHS	56	26.7	192	21.0	51	28.0	74	26.5	14	14.4	38	19.6
LIVE BIRTH ORDER 4 OR MORE	25	11.9	66	7.2	18	9.9	22	7.9	5	5.2	25	12.9
LT 18 MOS SINCE LAST BIRTH	16	13.0	53	10.2	13	11.7	20	11.1	10	15.6	20	16.7
PRENATAL CARE												
1ST TRIMESTER	164	78.1	719	78.8	133	73.1	205	73.5	79	81.4	144	74.2
2ND TRIMESTER	36	17.1	159	17.4	32	17.6	61	21.9	15	15.5	40	20.6
3RD TRIMESTER	6	2.9	17	1.9	12	6.6	10	3.6	3	3.1	8	4.1
NO PRENATAL CARE	1	0.5	4	0.4	0	0.0	2	0.7	0	0.0	2	1.0
INADEQUATE PRENATAL CARE	43	21.2	111	12.5	35	22.2	53	19.1	8	8.2	30	15.5
MOTHER MEDICAID PARTICIPANT	77	37.0	209	23.0	62	35.6	131	47.0	43	44.3	81	41.8
MOTHER WIC PARTICIPANT	80	38.5	157	17.3	62	35.6	135	48.4	49	50.5	75	38.7
MOTHER ON MEDICAID AND WIC	61	29.3	138	15.2	49	28.2	104	37.3	37	38.1	62	32.0
MOTHER FOOD STAMP RECIPIENT	44	21.2	125	13.7	38	21.8	81	29.0	20	20.6	45	23.2
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
15-17	8	3.8	33	3.6	6	3.3	12	4.3	9	9.3	5	2.6
18-19	22	10.5	55	6.0	24	13.2	32	11.5	7	7.2	25	12.9
20-24	67	31.9	252	27.6	52	28.6	102	36.6	32	33.0	77	39.7
25-29	52	24.8	291	31.9	52	28.6	80	28.7	28	28.9	63	32.5
30-34	41	19.5	214	23.4	32	17.6	34	12.2	17	17.5	12	6.2
35-39	18	8.6	61	6.7	14	7.7	19	6.8	4	4.1	10	5.2
40 AND OVER	2	1.0	6	0.7	2	1.1	0	0.0	0	0.0	2	1.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

	DAVISS		DE KALB		DENT		DOUGLAS		DUNKLIN		FRANKLIN	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	117	100.0	95	100.0	159	100.0	163	100.0	512	100.0	1,289	100.0
UNDER 2500 GRAMS	9	7.7	4	4.2	12	7.5	9	5.5	54	10.5	80	6.2
OVER 4499 GRAMS	1	0.9	2	2.1	5	3.1	2	1.2	6	1.2	13	1.0
CROWN HEEL LT 47 CM (<18.5 IN)	18	15.5	4	4.3	10	6.3	9	5.7	46	11.6	73	5.7
LESS THAN 37 WEEKS GESTATION	9	7.7	10	10.5	12	7.5	13	8.0	56	10.9	88	6.8
APGAR SCORE LESS THAN 8	8	6.8	1	1.1	5	3.1	7	4.3	21	4.1	22	1.7
CONGENITAL ANOMALIES	1	0.9	2	2.1	3	1.9	2	1.2	13	2.5	24	1.9
ABNORMAL CONDITIONS OF NEWBORN	9	7.7	2	2.1	5	3.1	13	8.0	47	9.2	60	4.7
INFANT TRANSFERS	5	4.3	2	2.1	4	2.5	6	3.7	24	4.7	31	2.4
MATERNAL TRANSFERS	4	3.4	3	3.2	1	0.6	6	3.7	2	0.4	12	0.9
HOME DELIVERIES	6	5.1	1	1.1	1	0.6	1	0.6	0	0.0	6	0.5
CESAREAN DELIVERIES	31	26.5	13	13.7	36	22.6	41	25.2	152	29.7	286	22.2
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	33	28.2	19	20.0	47	29.6	44	27.0	162	31.6	331	25.7
DRANK ALCOHOL DURING PREG	1	0.9	0	0.0	3	1.9	1	0.6	6	1.2	15	1.2
GT 15 PERCENT UNDERWEIGHT	7	6.0	5	5.4	21	13.2	15	9.4	37	9.4	120	9.6
GT 20 PERCENT OVERWEIGHT	29	24.8	27	29.0	33	20.8	47	29.4	106	26.8	333	26.6
GAINED LT 20 LBS DURING PREG	16	13.7	14	15.2	21	13.2	30	18.5	85	17.5	153	12.2
MATERNAL EDUCATION UNDER 12	31	26.5	19	20.0	51	32.1	44	27.0	200	39.1	255	19.8
OUT-OF-WEDLOCK BIRTHS	21	17.9	13	13.7	35	22.0	41	25.2	203	39.6	259	20.1
LIVE BIRTH ORDER 4 OR MORE	21	17.9	11	11.6	13	8.2	15	9.2	57	11.1	112	8.7
LT 18 MOS SINCE LAST BIRTH	8	9.6	9	14.8	9	11.1	14	13.7	63	21.2	89	11.5
PRENATAL CARE												
1ST TRIMESTER	93	79.5	74	77.9	103	64.8	112	68.7	368	71.9	1,085	84.2
2ND TRIMESTER	13	11.1	17	17.9	52	32.7	47	28.8	111	21.7	166	12.9
3RD TRIMESTER	10	8.5	4	4.2	2	1.3	2	1.2	26	5.1	18	1.4
NO PRENATAL CARE	0	0.0	0	0.0	2	1.3	2	1.2	6	1.2	15	1.2
INADEQUATE PRENATAL CARE	31	26.7	30	32.6	28	17.6	37	22.7	153	29.9	151	11.8
MOTHER MEDICAID PARTICIPANT	50	43.1	29	31.5	85	53.5	90	56.3	321	79.9	373	29.0
MOTHER WIC PARTICIPANT	60	51.7	42	45.7	84	52.8	102	63.8	318	79.1	391	30.5
MOTHER ON MEDICAID AND WIC	47	40.5	28	30.4	71	44.7	76	47.5	288	71.6	280	21.8
MOTHER FOOD STAMP RECIPIENT	27	23.3	13	14.1	52	32.7	50	31.3	243	60.4	203	15.8
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	5	1.0	0	0.0
15-17	3	2.6	3	3.2	11	6.9	9	5.5	51	10.0	45	3.5
18-19	7	6.0	10	10.5	24	15.1	22	13.5	73	14.3	118	9.2
20-24	36	30.8	33	34.7	60	37.7	64	39.3	195	38.1	411	31.9
25-29	40	34.2	29	30.5	43	27.0	42	25.8	121	23.6	420	32.6
30-34	19	16.2	13	13.7	15	9.4	18	11.0	51	10.0	216	16.8
35-39	10	8.5	7	7.4	5	3.1	6	3.7	15	2.9	69	5.4
40 AND OVER	2	1.7	0	0.0	1	0.6	2	1.2	1	0.2	10	0.8

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

	GASCONADE		GENTRY		GREENE		MISSOURI 1991 GRUNDY		HARRISON		HENRY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	188	100.0	87	100.0	2,962	100.0	115	100.0	91	100.0	243	100.0
UNDER 2500 GRAMS	14	7.4	6	6.9	214	7.2	5	4.3	6	6.6	14	5.8
OVER 4499 GRAMS	5	2.7	4	4.6	53	1.8	2	1.7	2	2.2	2	0.8
CROWN HEEL LT 47 CM (<18.5 IN)	12	6.5	6	7.0	175	5.9	12	10.4	7	8.3	13	5.5
LESS THAN 37 WEEKS GESTATION	17	9.0	9	10.3	300	10.1	8	7.0	5	5.5	23	9.5
APGAR SCORE LESS THAN 8	2	1.1	3	3.4	54	1.8	2	1.7	4	4.4	8	3.3
CONGENITAL ANOMALIES	4	2.1	2	2.3	32	1.1	3	2.6	3	3.3	3	1.2
ABNORMAL CONDITIONS OF NEWBORN	6	3.2	2	2.3	183	6.2	9	7.8	3	3.3	11	4.5
INFANT TRANSFERS	4	2.1	2	2.3	6	0.2	7	6.1	5	5.5	3	1.2
MATERNAL TRANSFERS	1	0.5	5	5.7	50	1.7	3	2.6	2	2.2	11	4.5
HOME DELIVERIES	1	0.5	1	1.1	16	0.5	4	3.5	0	0.0	1	0.4
CESAREAN DELIVERIES	38	20.2	19	21.8	784	26.5	30	26.1	17	18.7	61	25.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	59	31.4	25	28.7	716	24.2	28	24.3	24	26.4	73	30.0
DRANK ALCOHOL DURING PREG	4	2.1	1	1.1	34	1.1	0	0.0	0	0.0	9	3.7
GT 15 PERCENT UNDERWEIGHT	16	8.7	7	8.2	306	10.4	6	5.2	5	6.0	18	7.8
GT 20 PERCENT OVERWEIGHT	47	25.5	26	30.6	601	20.4	34	29.6	28	33.7	65	28.0
GAINED LT 20 LBS DURING PREG	28	15.3	18	20.9	357	12.1	12	10.5	8	8.9	37	16.3
MATERNAL EDUCATION UNDER 12	44	23.4	11	12.6	542	18.3	21	18.3	14	15.4	65	26.7
OUT-OF-WEDLOCK BIRTHS	44	23.4	5	5.7	698	23.6	23	20.0	15	16.5	63	25.9
LIVE BIRTH ORDER 4 OR MORE	14	7.4	18	20.7	219	7.4	10	8.7	12	13.2	28	11.5
LT 18 MOS SINCE LAST BIRTH	8	7.1	3	5.3	221	13.5	8	11.6	7	12.5	12	8.6
PRENATAL CARE												
1ST TRIMESTER	140	74.5	70	80.5	2,411	81.4	101	87.8	77	84.6	200	82.3
2ND TRIMESTER	42	22.3	14	16.1	445	15.0	13	11.3	10	11.0	32	13.2
3RD TRIMESTER	5	2.7	3	3.4	65	2.2	1	0.9	2	2.2	5	2.1
NO PRENATAL CARE	1	0.5	0	0.0	39	1.3	0	0.0	1	1.1	1	0.4
INADEQUATE PRENATAL CARE	37	19.7	20	23.0	379	12.8	14	12.2	14	15.6	24	10.1
MOTHER MEDICAID PARTICIPANT	49	26.1	33	38.4	1,096	37.1	51	44.3	38	45.8	120	49.8
MOTHER WIC PARTICIPANT	54	28.7	45	52.3	1,069	36.2	59	51.3	46	55.4	118	49.0
MOTHER ON MEDICAID AND WIC	37	19.7	29	33.7	854	28.9	48	41.7	34	41.0	102	42.3
MOTHER FOOD STAMP RECIPIENT	24	12.8	15	17.4	592	20.0	31	27.0	24	28.9	75	31.1
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	4	0.1	0	0.0	1	1.1	0	0.0
15-17	6	3.2	1	1.1	104	3.5	4	3.5	2	2.2	16	6.6
18-19	21	11.2	6	6.9	272	9.2	14	12.2	12	13.2	25	10.3
20-24	54	28.7	26	29.9	879	29.7	33	28.7	25	27.5	70	28.8
25-29	64	34.0	32	36.8	887	29.9	32	27.8	29	31.9	77	31.7
30-34	30	16.0	16	18.4	617	20.8	23	20.0	10	11.0	40	16.5
35-39	12	6.4	5	5.7	176	5.9	8	7.0	7	7.7	15	6.2
40 AND OVER	1	0.5	1	1.1	22	0.7	1	0.9	5	5.5	0	0.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	HICKORY		HOLT		HOWARD		HOWELL		IRON		JACKSON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	63	100.0	79	100.0	132	100.0	474	100.0	134	100.0	10,599	100.0
UNDER 2500 GRAMS	1	1.6	3	3.8	16	12.1	37	7.8	13	9.7	882	8.3
OVER 4499 GRAMS	0	0.0	3	3.8	4	3.0	3	0.6	1	0.7	146	1.4
CROWN HEEL LT 47 CM (<18.5 IN)	1	1.6	3	3.9	13	10.5	28	6.0	13	9.7	888	8.8
LESS THAN 37 WEEKS GESTATION	6	9.5	1	1.3	17	12.9	42	8.9	12	9.0	1,205	11.4
APGAR SCORE LESS THAN 8	2	3.2	2	2.5	2	1.5	17	3.6	8	6.0	411	3.9
CONGENITAL ANOMALIES	1	1.6	0	0.0	1	0.8	14	3.0	3	2.2	147	1.4
ABNORMAL CONDITIONS OF NEWBORN	3	4.8	2	2.5	13	9.8	43	9.1	5	3.7	496	4.7
INFANT TRANSFERS	2	3.2	1	1.3	0	0.0	0	0.0	2	1.5	140	1.3
MATERNAL TRANSFERS	0	0.0	0	0.0	11	8.3	22	4.6	2	1.5	962	9.1
HOME DELIVERIES	0	0.0	0	0.0	2	1.5	4	0.8	1	0.7	62	0.6
CESAREAN DELIVERIES	12	19.0	13	16.5	30	22.7	116	24.5	41	30.6	2,070	19.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	15	23.8	29	36.7	38	28.8	138	29.1	45	33.6	2,450	23.1
DRANK ALCOHOL DURING PREG	0	0.0	1	1.3	6	4.5	10	2.1	3	2.2	457	4.3
GT 15 PERCENT UNDERWEIGHT	7	11.1	10	13.0	13	10.7	55	11.8	15	11.3	1,084	10.7
GT 20 PERCENT OVERWEIGHT	19	30.2	19	24.7	42	34.4	122	26.1	40	30.1	2,402	23.6
GAINED LT 20 LBS DURING PREG	11	17.7	8	10.3	24	19.7	76	16.1	18	13.5	1,182	11.8
MATERNAL EDUCATION UNDER 12	16	25.4	14	17.7	24	18.2	149	31.4	31	23.1	2,304	21.7
OUT-OF-WEDLOCK BIRTHS	11	17.5	11	13.9	32	24.2	101	21.3	32	23.9	4,311	40.7
LIVE BIRTH ORDER 4 OR MORE	4	6.3	6	7.6	19	14.4	33	7.0	16	11.9	1,166	11.0
LT 18 MOS SINCE LAST BIRTH	5	17.2	8	14.5	16	20.5	28	9.4	13	15.9	1,012	16.8
PRENATAL CARE												
1ST TRIMESTER	47	74.6	63	79.7	108	81.8	355	74.9	99	73.9	8,091	76.3
2ND TRIMESTER	15	23.8	13	16.5	19	14.4	106	22.4	31	23.1	1,578	14.9
3RD TRIMESTER	1	1.6	3	3.8	4	3.0	12	2.5	3	2.2	342	3.2
NO PRENATAL CARE	0	0.0	0	0.0	0	0.0	1	0.2	1	0.7	198	1.9
INADEQUATE PRENATAL CARE	5	7.9	23	29.1	12	9.8	94	19.9	22	16.4	1,688	17.9
MOTHER MEDICAID PARTICIPANT	34	54.0	26	34.2	57	43.8	249	53.3	73	54.5	3,972	39.8
MOTHER WIC PARTICIPANT	30	47.6	30	39.5	62	47.7	298	63.8	79	59.0	3,842	38.5
MOTHER ON MEDICAID AND WIC	26	41.3	20	26.3	52	40.0	216	46.3	67	50.0	3,008	30.1
MOTHER FOOD STAMP RECIPIENT	19	30.2	13	17.1	35	26.9	151	32.3	43	32.1	2,777	27.8
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	1	0.2	2	1.5	51	0.5
15-17	6	9.5	2	2.5	5	3.8	27	5.7	3	2.2	654	6.2
18-19	10	15.9	3	3.8	16	12.1	65	13.7	15	11.2	1,054	9.9
20-24	23	36.5	26	32.9	40	30.3	161	34.0	51	38.1	3,014	28.4
25-29	11	17.5	27	34.2	35	26.5	137	28.9	38	28.4	3,056	28.8
30-34	7	11.1	16	20.3	26	19.7	61	12.9	17	12.7	1,980	18.7
35-39	5	7.9	4	5.1	9	6.8	19	4.0	6	4.5	684	6.5
40 AND OVER	1	1.6	1	1.3	1	0.8	3	0.6	2	1.5	104	1.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	JASPER		JEFFERSON		JOHNSON		KNOX		LACLEDE		LAFAYETTE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,385	100.0	2,778	100.0	647	100.0	54	100.0	414	100.0	428	100.0
UNDER 2500 GRAMS	95	6.9	167	6.0	48	7.4	0	0.0	29	7.0	26	6.1
OVER 4499 GRAMS	20	1.4	54	1.9	15	2.3	1	1.9	9	2.2	10	2.3
CROWN HEEL LT 47 CM (<18.5 IN)	69	5.0	136	5.0	38	6.0	2	4.7	22	5.3	40	9.4
LESS THAN 37 WEEKS GESTATION	158	11.4	208	7.5	50	7.7	2	3.7	47	11.4	38	8.9
APGAR SCORE LESS THAN 8	44	3.2	62	2.2	16	2.5	1	1.9	15	3.6	15	3.5
CONGENITAL ANOMALIES	21	1.5	37	1.3	6	0.9	3	5.6	8	1.9	4	0.9
ABNORMAL CONDITIONS OF NEWBORN	133	9.6	104	3.7	34	5.3	3	5.6	36	8.7	24	5.6
INFANT TRANSFERS	16	1.2	53	1.9	8	1.2	1	1.9	7	1.7	7	1.6
MATERNAL TRANSFERS	37	2.7	34	1.2	31	4.8	0	0.0	4	1.0	10	2.3
HOME DELIVERIES	5	0.4	14	0.5	6	0.9	5	9.3	1	0.2	1	0.2
CESAREAN DELIVERIES	258	18.6	722	26.0	133	20.6	23	42.6	99	23.9	101	23.6
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	356	25.7	829	29.8	153	23.6	8	14.8	124	30.0	106	24.8
DRANK ALCOHOL DURING PREG	32	2.3	39	1.4	12	1.9	3	5.6	5	1.2	10	2.3
GT 15 PERCENT UNDERWEIGHT	126	9.2	253	9.4	69	10.8	3	7.0	45	10.9	31	7.3
GT 20 PERCENT OVERWEIGHT	354	25.7	618	23.0	148	23.2	16	37.2	111	26.9	105	24.6
GAINED LT 20 LBS DURING PREG	175	12.7	339	12.5	85	13.4	7	13.0	68	16.7	57	13.4
MATERNAL EDUCATION UNDER 12	352	25.4	537	19.3	72	11.1	14	25.9	116	28.0	72	16.8
OUT-OF-WEDLOCK BIRTHS	369	26.6	630	22.7	99	15.3	8	14.8	89	21.5	98	22.9
LIVE BIRTH ORDER 4 OR MORE	104	7.5	214	7.7	64	9.9	11	20.4	30	7.2	42	9.8
LT 18 MOS SINCE LAST BIRTH	108	14.2	172	11.0	47	13.0	3	8.3	27	11.4	25	10.1
PRENATAL CARE												
1ST TRIMESTER	1,009	72.9	2,364	85.1	495	76.5	43	79.6	321	77.5	348	81.3
2ND TRIMESTER	307	22.2	335	12.1	110	17.0	8	14.8	74	17.9	65	15.2
3RD TRIMESTER	62	4.5	32	1.2	28	4.3	3	5.6	13	3.1	10	2.3
NO PRENATAL CARE	7	0.5	9	0.3	10	1.5	0	0.0	4	1.0	4	0.9
INADEQUATE PRENATAL CARE	289	20.9	248	9.1	114	17.9	11	20.8	63	15.6	57	13.6
MOTHER MEDICAID PARTICIPANT	610	44.4	673	24.3	153	24.1	19	44.2	182	44.0	155	36.4
MOTHER WIC PARTICIPANT	608	44.3	767	27.7	229	36.1	20	46.5	179	43.2	124	29.1
MOTHER ON MEDICAID AND WIC	484	35.2	513	18.6	113	17.8	15	34.9	142	34.3	108	25.4
MOTHER FOOD STAMP RECIPIENT	354	25.8	383	13.9	97	15.3	10	23.3	91	22.0	83	19.5
AGE OF MOTHER												
UNDER 15	1	0.1	2	0.1	0	0.0	0	0.0	0	0.0	1	0.2
15-17	69	5.0	111	4.0	14	2.2	3	5.6	24	5.8	22	5.1
18-19	190	13.7	194	7.0	58	9.0	1	1.9	50	12.1	49	11.4
20-24	487	35.2	784	28.2	223	34.5	12	22.2	142	34.3	133	31.1
25-29	375	27.1	1,004	36.1	202	31.2	18	33.3	126	30.4	127	29.7
30-34	197	14.2	527	19.0	116	17.9	12	22.2	59	14.3	68	15.9
35-39	58	4.2	139	5.0	31	4.8	7	13.0	11	2.7	26	6.1
40 AND OVER	8	0.6	17	0.6	3	0.5	1	1.9	2	0.5	2	0.5

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	LAWRENCE		LEWIS		LINCOLN		LINN		LIVINGSTON		MC DONALD	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	441	100.0	112	100.0	483	100.0	189	100.0	194	100.0	248	100.0
UNDER 2500 GRAMS	31	7.0	8	7.1	37	7.7	8	4.2	13	6.7	24	9.7
OVER 4499 GRAMS	9	2.0	0	0.0	11	2.3	6	3.2	4	2.1	4	1.6
CROWN HEEL LT 47 CM (<18.5 IN)	22	5.0	0	0.0	36	7.5	14	7.4	23	12.1	14	12.5
LESS THAN 37 WEEKS GESTATION	31	7.0	8	7.1	39	8.1	13	6.9	20	10.3	27	10.9
APGAR SCORE LESS THAN 8	6	1.4	3	2.7	14	2.9	5	2.6	3	1.5	9	3.6
CONGENITAL ANOMALIES	6	1.4	7	6.3	10	2.1	2	1.1	3	1.5	3	1.2
ABNORMAL CONDITIONS OF NEWBORN	36	8.2	11	9.8	57	11.8	15	7.9	6	3.1	17	6.9
INFANT TRANSFERS	10	2.3	0	0.0	16	3.3	4	2.1	4	2.1	4	1.6
MATERNAL TRANSFERS	7	1.6	0	0.0	18	3.7	4	2.1	6	3.1	6	2.4
HOME DELIVERIES	4	0.9	3	2.7	1	0.2	3	1.6	0	0.0	1	0.4
CESAREAN DELIVERIES	109	24.7	29	25.9	123	25.5	51	27.0	40	20.6	59	23.8
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	127	28.8	33	29.5	156	32.3	62	32.8	46	23.7	74	29.8
DRANK ALCOHOL DURING PREG	2	0.5	4	3.6	7	1.4	4	2.1	1	0.5	2	0.8
GT 15 PERCENT UNDERWEIGHT	60	13.7	1	12.5	48	10.2	16	8.6	15	7.8	12	10.4
GT 20 PERCENT OVERWEIGHT	88	20.1	2	25.0	131	27.9	48	25.7	54	28.1	27	23.5
GAINED LT 20 LBS DURING PREG	65	14.8	24	21.8	73	15.5	32	17.0	31	16.1	29	11.8
MATERNAL EDUCATION UNDER 12	122	27.7	21	18.8	97	20.1	36	19.0	41	21.1	87	35.1
OUT-OF-WEDLOCK BIRTHS	108	24.5	29	25.9	110	22.8	40	21.2	34	17.5	62	25.0
LIVE BIRTH ORDER 4 OR MORE	45	10.2	11	9.8	47	9.7	23	12.2	20	10.3	20	8.1
LT 18 MOS SINCE LAST BIRTH	37	14.1	12	17.4	40	13.3	20	16.0	13	11.2	20	13.2
PRENATAL CARE												
1ST TRIMESTER	323	73.2	79	70.5	376	77.8	165	87.3	172	88.7	178	71.8
2ND TRIMESTER	105	23.8	21	18.8	93	19.3	18	9.5	19	9.8	59	23.8
3RD TRIMESTER	10	2.3	7	6.3	12	2.5	3	1.6	2	1.0	8	3.2
NO PRENATAL CARE	3	0.7	1	0.9	2	0.4	1	0.5	0	0.0	1	0.4
INADEQUATE PRENATAL CARE	71	16.1	21	19.4	77	16.3	20	10.7	21	11.1	40	16.3
MOTHER MEDICAID PARTICIPANT	202	45.8	2	25.0	148	30.6	90	47.9	85	44.7	45	38.8
MOTHER WIC PARTICIPANT	232	52.6	2	25.0	157	32.5	79	42.0	94	49.5	44	37.9
MOTHER ON MEDICAID AND WIC	174	39.5	1	12.5	110	22.8	71	37.8	80	42.1	31	26.7
MOTHER FOOD STAMP RECIPIENT	110	24.9	0	0.0	88	18.2	51	27.1	49	25.8	13	11.2
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0
15-17	24	5.4	4	3.6	20	4.1	8	4.2	7	3.6	18	7.3
18-19	51	11.6	7	6.3	46	9.5	20	10.6	21	10.8	33	13.3
20-24	170	38.5	33	29.5	152	31.5	59	31.2	70	36.1	101	40.7
25-29	114	25.9	34	30.4	156	32.3	52	27.5	54	27.8	55	22.2
30-34	58	13.2	23	20.5	83	17.2	35	18.5	28	14.4	28	11.3
35-39	23	5.2	9	8.0	23	4.8	12	6.3	13	6.7	11	4.4
40 AND OVER	1	0.2	1	0.9	2	0.4	3	1.6	1	0.5	2	0.8

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	MACON		MADISON		MARIES		MARION		MERCER		MILLER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	184	100.0	156	100.0	87	100.0	429	100.0	28	100.0	312	100.0
UNDER 2500 GRAMS	9	4.9	7	4.5	4	4.6	34	7.9	2	7.1	27	8.7
OVER 4499 GRAMS	6	3.3	4	2.6	3	3.4	6	1.4	0	0.0	2	0.6
CROWN HEEL LT 47 CM (<18.5 IN)	19	10.3	5	3.2	5	5.8	24	8.4	2	9.5	22	7.2
LESS THAN 37 WEEKS GESTATION	12	6.5	11	7.1	7	8.0	34	7.9	5	17.9	27	8.7
APGAR SCORE LESS THAN 8	9	4.9	3	1.9	2	2.3	15	3.5	1	3.6	10	3.2
CONGENITAL ANOMALIES	6	3.3	0	0.0	2	2.3	12	2.8	0	0.0	9	2.9
ABNORMAL CONDITIONS OF NEWBORN	15	8.2	4	2.6	2	2.3	20	4.7	4	14.3	27	8.7
INFANT TRANSFERS	5	2.7	3	1.9	1	1.1	8	1.9	1	3.6	10	3.2
MATERNAL TRANSFERS	6	3.3	2	1.3	2	2.3	7	1.6	1	3.6	10	3.2
HOME DELIVERIES	2	1.1	1	0.6	1	1.1	1	0.2	0	0.0	3	1.0
CESAREAN DELIVERIES	42	22.8	58	37.2	23	26.4	70	16.3	4	14.3	67	21.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	49	26.6	48	30.8	21	24.1	133	31.0	10	35.7	114	36.5
DRANK ALCOHOL DURING PREG	3	1.6	0	0.0	0	0.0	10	2.3	0	0.0	11	3.5
GT 15 PERCENT UNDERWEIGHT	21	11.9	8	5.2	5	5.9	29	10.1	1	4.8	28	9.1
GT 20 PERCENT OVERWEIGHT	45	25.6	40	26.1	16	18.8	74	25.8	6	28.6	79	25.7
GAINED LT 20 LBS DURING PREG	31	17.3	28	18.3	13	15.1	74	17.5	5	17.9	53	17.2
MATERNAL EDUCATION UNDER 12	38	20.7	50	32.1	17	19.5	104	24.2	8	28.6	86	27.6
OUT-OF-WEDLOCK BIRTHS	45	24.5	41	26.3	22	25.3	122	28.4	4	14.3	91	29.2
LIVE BIRTH ORDER 4 OR MORE	18	9.8	9	5.8	12	13.8	36	8.4	4	14.3	41	13.1
LT 18 MOS SINCE LAST BIRTH	17	18.5	8	8.9	7	12.7	30	11.7	2	12.5	31	17.5
PRENATAL CARE												
1ST TRIMESTER	130	70.7	113	72.4	63	72.4	321	74.8	25	89.3	236	75.6
2ND TRIMESTER	41	22.3	31	19.9	15	17.2	85	19.8	2	7.1	61	19.6
3RD TRIMESTER	8	4.3	10	6.4	6	6.9	14	3.3	1	3.6	8	2.6
NO PRENATAL CARE	4	2.2	1	0.6	3	3.4	2	0.5	0	0.0	2	0.6
INADEQUATE PRENATAL CARE	48	26.7	28	18.1	15	17.2	68	16.3	1	3.6	68	23.1
MOTHER MEDICAID PARTICIPANT	73	39.7	80	51.6	22	25.6	157	54.7	11	50.0	139	44.7
MOTHER WIC PARTICIPANT	98	53.3	112	72.3	20	23.3	149	51.9	14	63.6	136	43.7
MOTHER ON MEDICAID AND WIC	60	32.6	70	45.2	17	19.8	134	46.7	9	40.9	104	33.4
MOTHER FOOD STAMP RECIPIENT	32	17.4	45	29.0	13	15.1	108	37.6	6	27.3	94	30.2
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	2	0.5	0	0.0	0	0.0
15-17	7	3.8	11	7.1	2	2.3	25	5.8	5	17.9	14	4.5
18-19	23	12.5	22	14.1	7	8.0	44	10.3	2	7.1	41	13.1
20-24	73	39.7	58	37.2	34	39.1	131	30.5	5	17.9	98	31.4
25-29	42	22.8	44	28.2	22	25.3	115	26.8	10	35.7	91	29.2
30-34	33	17.9	18	11.5	15	17.2	76	17.7	5	17.9	46	14.7
35-39	5	2.7	2	1.3	4	4.6	32	7.5	0	0.0	20	6.4
40 AND OVER	1	0.5	1	0.6	3	3.4	4	0.9	1	3.6	2	0.6

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	MISSISSIPPI		MONITEAU		MONROE		MONTGOMERY		MORGAN		NEW MADRID	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	224	100.0	143	100.0	102	100.0	133	100.0	221	100.0	346	100.0
UNDER 2500 GRAMS	21	9.4	7	4.9	17	16.7	9	6.8	12	5.4	30	8.7
OVER 4499 GRAMS	2	0.9	3	2.1	1	1.0	0	0.0	5	2.3	7	2.0
CROWN HEEL LT 47 CM (<18.5 IN)	30	13.6	8	5.8	11	11.7	7	5.5	15	7.0	47	14.3
LESS THAN 37 WEEKS GESTATION	30	13.4	13	9.1	14	13.7	10	7.5	17	7.7	41	11.8
APGAR SCORE LESS THAN 8	9	4.0	7	4.9	6	5.9	4	3.0	10	4.5	20	5.8
CONGENITAL ANOMALIES	4	1.8	3	2.1	3	2.9	2	1.5	4	1.8	6	1.7
ABNORMAL CONDITIONS OF NEWBORN	26	11.6	9	6.3	12	11.8	11	8.3	14	6.3	38	11.0
INFANT TRANSFERS	12	5.4	3	2.1	0	0.0	7	5.3	4	1.8	15	4.3
MATERNAL TRANSFERS	12	5.4	5	3.5	4	3.9	3	2.3	9	4.1	6	1.7
HOME DELIVERIES	0	0.0	6	4.2	2	2.0	1	0.8	8	3.6	1	0.3
CESAREAN DELIVERIES	65	29.0	26	18.2	28	27.5	32	24.1	34	15.4	100	28.9
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	64	28.6	31	21.7	35	34.3	37	27.8	55	24.9	117	33.8
DRANK ALCOHOL DURING PREG	4	1.8	1	0.7	0	0.0	3	2.3	10	4.5	5	1.4
GT 15 PERCENT UNDERWEIGHT	18	8.1	9	6.6	5	5.7	12	9.3	22	10.3	36	11.0
GT 20 PERCENT OVERWEIGHT	57	25.7	36	26.5	18	20.7	31	24.0	59	27.7	98	30.0
GAINED LT 20 LBS DURING PREG	25	11.6	25	18.0	14	15.1	22	17.5	38	17.8	67	20.6
MATERNAL EDUCATION UNDER 12	86	38.4	33	23.1	16	15.7	40	30.1	79	35.7	128	37.0
OUT-OF-WEDLOCK BIRTHS	109	48.7	26	18.2	26	25.5	30	22.6	52	23.5	135	39.0
LIVE BIRTH ORDER 4 OR MORE	19	8.5	19	13.3	14	13.7	13	9.8	34	15.4	46	13.3
LT 18 MOS SINCE LAST BIRTH	26	19.8	7	8.2	8	15.7	8	9.4	22	15.6	38	18.2
PRENATAL CARE												
1ST TRIMESTER	135	60.3	99	69.2	69	67.6	95	71.4	150	67.9	221	63.9
2ND TRIMESTER	60	26.8	35	24.5	18	17.6	27	20.3	45	20.4	90	26.0
3RD TRIMESTER	16	7.1	6	4.2	8	7.8	3	2.3	16	7.2	25	7.2
NO PRENATAL CARE	11	4.9	1	0.7	0	0.0	1	0.8	3	1.4	9	2.6
INADEQUATE PRENATAL CARE	74	33.3	25	18.1	22	23.4	25	20.2	47	22.3	105	30.4
MOTHER MEDICAID PARTICIPANT	161	71.9	28	19.7	38	39.6	40	30.3	92	41.8	222	67.1
MOTHER WIC PARTICIPANT	154	68.8	46	32.4	51	53.1	49	37.1	100	45.5	227	68.8
MOTHER ON MEDICAID AND WIC	144	64.3	25	17.6	34	35.4	33	25.0	77	35.0	196	59.2
MOTHER FOOD STAMP RECIPIENT	114	50.9	11	7.7	22	22.9	27	20.5	63	28.6	160	48.5
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.3
15-17	26	11.6	8	5.6	3	2.9	11	8.3	10	4.5	27	7.8
18-19	35	15.6	7	4.9	15	14.7	7	5.3	26	11.8	61	17.6
20-24	84	37.5	45	31.5	34	33.3	42	31.6	70	31.7	120	34.7
25-29	52	23.2	49	34.3	23	22.5	34	25.6	65	29.4	85	24.6
30-34	19	8.5	23	16.1	19	18.6	28	21.1	34	15.4	38	11.0
35-39	7	3.1	7	4.9	8	7.8	9	6.8	12	5.4	12	3.5
40 AND OVER	1	0.4	3	2.1	0	0.0	2	1.5	4	1.8	2	0.6

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	NEWTON		NODAWAY		OREGON		OSAGE		OZARK		PEMISCOT	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	639	100.0	209	100.0	128	100.0	177	100.0	70	100.0	385	100.0
UNDER 2500 GRAMS	32	5.0	12	5.7	3	2.3	14	7.9	3	4.3	43	11.2
OVER 4499 GRAMS	10	1.6	3	1.4	2	1.6	5	2.8	4	5.7	3	0.8
CROWN HEEL LT 47 CM (<18.5 IN)	20	3.2	9	4.4	3	2.5	9	5.2	4	7.3	41	14.2
LESS THAN 37 WEEKS GESTATION	49	7.7	14	6.7	11	8.6	11	6.2	6	8.6	44	11.4
APGAR SCORE LESS THAN 8	16	2.5	8	3.8	4	3.1	8	4.5	1	1.4	17	4.4
CONGENITAL ANOMALIES	7	1.1	2	1.0	2	1.6	1	0.6	2	2.9	16	4.2
ABNORMAL CONDITIONS OF NEWBORN	51	8.0	7	3.3	6	4.7	8	4.5	5	7.1	38	9.9
INFANT TRANSFERS	3	0.5	5	2.4	0	0.0	2	1.1	0	0.0	15	3.9
MATERNAL TRANSFERS	16	2.5	4	1.9	5	3.9	1	0.6	2	2.9	2	0.5
HOME DELIVERIES	6	0.9	0	0.0	0	0.0	2	1.1	4	5.7	0	0.0
CESAREAN DELIVERIES	124	19.4	35	16.7	27	21.1	32	18.1	17	24.3	81	21.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	153	23.9	33	15.8	40	31.3	26	14.7	23	32.9	94	24.4
DRANK ALCOHOL DURING PREG	8	1.3	2	1.0	2	1.6	2	1.1	0	0.0	9	2.3
GT 15 PERCENT UNDERWEIGHT	73	11.6	15	7.4	12	9.9	5	2.9	6	10.9	26	9.0
GT 20 PERCENT OVERWEIGHT	149	23.7	52	25.7	29	24.0	46	26.9	18	32.7	78	26.9
GAINED LT 20 LBS DURING PREG	81	12.7	38	18.4	20	15.7	25	14.4	10	14.3	89	23.9
MATERNAL EDUCATION UNDER 12	181	28.3	23	11.0	40	31.3	17	9.6	15	21.4	180	46.8
OUT-OF-WEDLOCK BIRTHS	140	21.9	36	17.2	29	22.7	18	10.2	18	25.7	221	57.4
LIVE BIRTH ORDER 4 OR MORE	59	9.2	25	12.0	12	9.4	16	9.0	11	15.7	61	15.8
LT 18 MOS SINCE LAST BIRTH	44	11.6	9	7.4	18	23.7	8	7.2	5	11.9	61	24.2
PRENATAL CARE												
1ST TRIMESTER	457	71.5	184	88.0	103	80.5	138	78.0	51	72.9	253	65.7
2ND TRIMESTER	149	23.3	20	9.6	22	17.2	33	18.6	18	25.7	100	26.0
3RD TRIMESTER	26	4.1	5	2.4	3	2.3	4	2.3	1	1.4	26	6.8
NO PRENATAL CARE	7	1.1	0	0.0	0	0.0	0	0.0	0	0.0	4	1.0
INADEQUATE PRENATAL CARE	148	23.2	24	11.5	26	20.5	17	9.7	17	24.3	120	31.4
MOTHER MEDICAID PARTICIPANT	247	39.3	60	29.6	86	71.1	26	14.7	34	61.8	274	94.5
MOTHER WIC PARTICIPANT	267	42.4	76	37.4	93	76.9	29	16.4	37	67.3	270	93.1
MOTHER ON MEDICAID AND WIC	193	30.7	50	24.6	78	64.5	20	11.3	28	50.9	259	89.3
MOTHER FOOD STAMP RECIPIENT	129	20.5	30	14.8	48	39.7	10	5.6	20	36.4	216	74.5
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	4	1.0
15-17	29	4.5	4	1.9	9	7.0	3	1.7	2	2.9	55	14.3
18-19	87	13.6	18	8.6	17	13.3	8	4.5	6	8.6	60	15.6
20-24	209	32.7	61	29.2	45	35.2	51	28.8	19	27.1	131	34.0
25-29	184	28.8	71	34.0	31	24.2	63	35.6	23	32.9	89	23.1
30-34	102	16.0	40	19.1	20	15.6	47	26.6	16	22.9	37	9.6
35-39	23	3.6	13	6.2	6	4.7	4	2.3	3	4.3	6	1.6
40 AND OVER	5	0.8	1	0.5	0	0.0	1	0.6	1	1.4	2	0.5

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	PERRY		PETTIS		PHELPS		PIKE		PLATTE		POLK	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	211	100.0	550	100.0	449	100.0	237	100.0	909	100.0	298	100.0
UNDER 2500 GRAMS	8	3.8	34	6.2	24	5.3	19	8.0	54	5.9	16	5.4
OVER 4499 GRAMS	4	1.9	8	1.5	9	2.0	3	1.3	19	2.1	6	2.0
CROWN HEEL LT 47 CM (<18.5 IN)	13	6.3	24	4.5	26	5.9	16	7.5	50	6.1	19	6.4
LESS THAN 37 WEEKS GESTATION	18	8.5	42	7.6	26	5.8	22	9.3	73	8.0	23	7.7
APGAR SCORE LESS THAN 8	3	1.4	23	4.2	18	4.0	9	3.8	23	2.5	8	2.7
CONGENITAL ANOMALIES	3	1.4	12	2.2	5	1.1	4	1.7	13	1.4	5	1.7
ABNORMAL CONDITIONS OF NEWBORN	9	4.3	50	9.1	17	3.8	13	5.5	38	4.2	10	3.4
INFANT TRANSFERS	2	0.9	6	1.1	8	1.8	9	3.8	17	1.9	4	1.3
MATERNAL TRANSFERS	2	0.9	12	2.2	7	1.6	8	3.4	27	3.0	8	2.7
HOME DELIVERIES	2	0.9	8	1.5	5	1.1	12	5.1	6	0.7	1	0.3
CESAREAN DELIVERIES	70	33.2	116	21.1	92	20.5	43	18.1	225	24.8	81	27.2
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	49	23.2	154	28.0	112	24.9	58	24.5	193	21.2	83	27.9
DRANK ALCOHOL DURING PREG	0	0.0	24	4.4	1	0.2	1	0.4	26	2.9	3	1.0
GT 15 PERCENT UNDERWEIGHT	13	6.3	55	10.3	40	9.0	24	11.2	78	9.0	18	6.0
GT 20 PERCENT OVERWEIGHT	43	20.9	130	24.3	119	26.9	56	26.2	183	21.0	94	31.5
GAINED LT 20 LBS DURING PREG	28	13.3	74	13.8	60	13.5	34	14.8	83	9.5	48	16.1
MATERNAL EDUCATION UNDER 12	37	17.5	136	24.7	93	20.7	72	30.4	102	11.2	61	20.5
OUT-OF-WEDLOCK BIRTHS	49	23.2	128	23.3	72	16.0	50	21.1	155	17.1	44	14.8
LIVE BIRTH ORDER 4 OR MORE	16	7.6	57	10.4	39	8.7	32	13.5	49	5.4	29	9.7
LT 18 MOS SINCE LAST BIRTH	9	7.3	36	12.2	30	11.1	23	14.4	50	10.1	23	13.7
PRENATAL CARE												
1ST TRIMESTER	172	81.5	452	82.2	323	71.9	157	66.2	781	85.9	234	78.5
2ND TRIMESTER	35	16.6	73	13.3	114	25.4	51	21.5	85	9.4	53	17.8
3RD TRIMESTER	2	0.9	16	2.9	6	1.3	21	8.9	15	1.7	7	2.3
NO PRENATAL CARE	2	0.9	3	0.5	2	0.4	2	0.8	8	0.9	4	1.3
INADEQUATE PRENATAL CARE	26	12.3	74	13.7	64	14.4	64	28.2	70	8.2	48	16.1
MOTHER MEDICAID PARTICIPANT	55	26.6	222	40.7	179	40.1	90	40.7	138	16.8	143	48.0
MOTHER WIC PARTICIPANT	84	40.6	245	44.9	184	41.3	99	44.8	133	16.2	126	42.3
MOTHER ON MEDICAID AND WIC	47	22.7	195	35.7	136	30.5	81	36.7	99	12.0	115	38.6
MOTHER FOOD STAMP RECIPIENT	29	14.0	136	24.9	101	22.6	54	24.4	78	9.5	81	27.2
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0
15-17	10	4.7	35	6.4	19	4.2	8	3.4	32	3.5	8	2.7
18-19	17	8.1	58	10.5	32	7.1	27	11.4	45	5.0	31	10.4
20-24	68	32.2	162	29.5	128	28.5	79	33.3	196	21.6	112	37.6
25-29	60	28.4	162	29.5	142	31.6	71	30.0	305	33.6	81	27.2
30-34	42	19.9	100	18.2	96	21.4	42	17.7	248	27.3	41	13.8
35-39	10	4.7	29	5.3	28	6.2	7	3.0	71	7.8	21	7.0
40 AND OVER	4	1.9	4	0.7	4	0.9	3	1.3	11	1.2	4	1.3

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

	PULASKI		PUTNAM		RALLS		MISSOURI 1991 RANDOLPH		RAY		REYNOLDS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	722	100.0	47	100.0	105	100.0	345	100.0	309	100.0	74	100.0
UNDER 2500 GRAMS	55	7.6	4	8.5	9	8.6	27	7.8	16	5.2	7	9.5
OVER 4499 GRAMS	16	2.2	0	0.0	3	2.9	8	2.3	5	1.6	2	2.7
CROWN HEEL LT 47 CM (<18.5 IN)	53	7.5	5	16.1	9	10.3	25	7.5	28	9.1	12	16.4
LESS THAN 37 WEEKS GESTATION	57	7.9	3	6.4	11	10.5	26	7.5	21	6.8	9	12.2
APGAR SCORE LESS THAN 8	20	2.8	1	2.1	5	4.8	12	3.5	9	2.9	6	8.1
CONGENITAL ANOMALIES	13	1.8	2	4.3	2	1.9	16	4.6	6	1.9	0	0.0
ABNORMAL CONDITIONS OF NEWBORN	39	5.4	2	4.3	6	5.7	29	8.4	18	5.8	4	5.4
INFANT TRANSFERS	13	1.8	0	0.0	5	4.8	4	1.2	9	2.9	5	6.8
MATERNAL TRANSFERS	16	2.2	0	0.0	3	2.9	9	2.6	9	2.9	0	0.0
HOME DELIVERIES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.4
CESAREAN DELIVERIES	197	27.3	13	27.7	13	12.4	75	21.7	71	23.0	23	31.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	116	16.1	13	27.7	19	18.1	97	28.1	97	31.4	34	45.9
DRANK ALCOHOL DURING PREG	5	0.7	0	0.0	0	0.0	12	3.5	7	2.3	1	1.4
GT 15 PERCENT UNDERWEIGHT	63	8.8	4	12.9	8	9.2	35	10.6	45	14.7	9	12.3
GT 20 PERCENT OVERWEIGHT	145	20.3	6	19.4	30	34.5	107	32.4	65	21.2	25	34.2
GAINED LT 20 LBS DURING PREG	80	11.1	6	12.8	14	13.3	60	18.2	42	13.8	9	12.7
MATERNAL EDUCATION UNDER 12	110	15.2	12	25.5	14	13.3	82	23.8	76	24.6	19	25.7
OUT-OF-WEDLOCK BIRTHS	133	18.4	6	12.8	13	12.4	86	24.9	82	26.5	24	32.4
LIVE BIRTH ORDER 4 OR MORE	61	8.4	2	4.3	5	4.8	36	10.4	26	8.4	5	6.8
LT 18 MOS SINCE LAST BIRTH	52	12.0	2	6.9	9	15.3	23	13.9	24	13.0	6	16.2
PRENATAL CARE												
1ST TRIMESTER	588	81.4	38	80.9	89	84.8	255	73.9	241	78.0	46	62.2
2ND TRIMESTER	114	15.8	9	19.1	13	12.4	64	18.6	60	19.4	16	21.6
3RD TRIMESTER	15	2.1	0	0.0	1	1.0	14	4.1	5	1.6	6	8.1
NO PRENATAL CARE	2	0.3	0	0.0	1	1.0	3	0.9	0	0.0	3	4.1
INADEQUATE PRENATAL CARE	89	12.5	5	10.6	10	9.6	61	19.2	44	14.6	28	39.4
MOTHER MEDICAID PARTICIPANT	141	19.7	14	45.2	23	26.4	177	51.6	106	34.3	57	77.0
MOTHER WIC PARTICIPANT	252	35.1	17	54.8	25	28.7	192	56.0	120	38.8	48	64.9
MOTHER ON MEDICAID AND WIC	100	13.9	12	38.7	21	24.1	157	45.8	87	28.2	44	59.5
MOTHER FOOD STAMP RECIPIENT	104	14.5	8	25.8	20	23.0	119	34.7	53	17.2	29	39.2
AGE OF MOTHER												
UNDER 15	2	0.3	0	0.0	0	0.0	0	0.0	2	0.6	0	0.0
15-17	21	2.9	3	6.4	1	1.0	16	4.6	22	7.1	8	10.8
18-19	69	9.6	8	17.0	6	5.7	31	9.0	31	10.0	12	16.2
20-24	254	35.2	18	38.3	42	40.0	130	37.7	99	32.0	25	33.8
25-29	225	31.2	12	25.5	36	34.3	105	30.4	89	28.8	19	25.7
30-34	119	16.5	6	12.8	17	16.2	50	14.5	48	15.5	9	12.2
35-39	26	3.6	0	0.0	2	1.9	13	3.8	17	5.5	1	1.4
40 AND OVER	6	0.8	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY:

	RIPLEY		ST. CHARLES		ST. CLAIR		ST. FRANCOIS		STE. GENEVIEVE		ST. LOUIS CITY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	165	100.0	3,744	100.0	95	100.0	703	100.0	226	100.0	8,255	100.0
UNDER 2500 GRAMS	11	6.7	200	5.3	3	3.2	64	9.1	9	4.0	980	11.9
OVER 4499 GRAMS	2	1.2	68	1.8	2	2.1	10	1.4	4	1.8	75	0.9
CROWN HEEL LT 47 CM (<18.5 IN)	18	11.1	150	4.1	4	4.3	66	9.4	11	5.0	818	10.1
LESS THAN 37 WEEKS GESTATION	16	9.7	282	7.5	9	9.5	69	9.8	15	6.6	1,332	16.1
APGAR SCORE LESS THAN 8	11	6.7	68	1.8	3	3.2	17	2.4	6	2.7	368	4.5
CONGENITAL ANOMALIES	2	1.2	62	1.7	0	0.0	8	1.1	1	0.4	71	0.9
ABNORMAL CONDITIONS OF NEWBORN	4	2.4	425	11.4	3	3.2	32	4.6	9	4.0	480	5.8
INFANT TRANSFERS	3	1.8	78	2.1	1	1.1	20	2.8	5	2.2	175	2.1
MATERNAL TRANSFERS	2	1.2	94	2.5	1	1.1	22	3.1	4	1.8	94	1.1
HOME DELIVERIES	0	0.0	23	0.6	0	0.0	3	0.4	2	0.9	96	1.2
CESAREAN DELIVERIES	32	19.4	1,032	27.6	19	20.0	226	32.1	51	22.6	1,492	18.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	51	30.9	789	21.1	26	27.4	236	33.6	59	26.1	2,090	25.3
DRANK ALCOHOL DURING PREG	1	0.6	86	2.3	2	2.1	11	1.6	0	0.0	237	2.9
GT 15 PERCENT UNDERWEIGHT	17	10.8	328	9.3	16	16.8	72	10.3	13	5.8	785	9.9
GT 20 PERCENT OVERWEIGHT	52	32.9	711	20.2	17	17.9	176	25.3	46	20.5	2,181	27.6
GAINED LT 20 LBS DURING PREG	23	14.7	414	11.7	13	13.7	93	13.3	40	17.9	1,349	17.3
MATERNAL EDUCATION UNDER 12	60	36.4	402	10.7	34	35.8	203	28.9	41	18.1	3,039	36.8
OUT-OF-WEDLOCK BIRTHS	38	23.0	573	15.3	21	22.1	180	25.6	45	19.9	5,469	66.3
LIVE BIRTH ORDER 4 OR MORE	18	10.9	306	8.2	5	5.3	48	6.8	24	10.6	1,441	17.5
LT 18 MOS SINCE LAST BIRTH	13	13.1	234	10.5	10	16.9	37	9.8	9	6.3	1,225	24.3
PRENATAL CARE												
1ST TRIMESTER	112	67.9	3,249	86.8	66	69.5	522	74.3	197	87.2	5,293	64.1
2ND TRIMESTER	44	26.7	382	10.2	22	23.2	154	21.9	23	10.2	1,917	23.2
3RD TRIMESTER	7	4.2	65	1.7	7	7.4	21	3.0	4	1.8	285	3.5
NO PRENATAL CARE	1	0.6	32	0.9	0	0.0	3	0.4	0	0.0	526	6.4
INADEQUATE PRENATAL CARE	65	39.6	365	9.8	18	18.9	115	16.5	14	6.3	2,585	32.4
MOTHER MEDICAID PARTICIPANT	125	76.2	438	11.8	52	55.9	349	49.7	61	27.0	5,155	62.8
MOTHER WIC PARTICIPANT	120	73.2	424	11.4	54	58.1	398	56.7	99	43.8	4,430	54.0
MOTHER ON MEDICAID AND WIC	106	64.6	294	7.9	47	50.5	305	43.4	59	26.1	3,865	47.1
MOTHER FOOD STAMP RECIPIENT	83	50.6	273	7.3	34	36.6	206	29.3	33	14.6	3,938	48.0
AGE OF MOTHER												
UNDER 15	0	0.0	2	0.1	0	0.0	2	0.3	0	0.0	67	0.8
15-17	14	8.5	93	2.5	8	8.4	45	6.4	8	3.5	805	9.8
18-19	33	20.0	159	4.2	17	17.9	83	11.8	18	8.0	1,021	12.4
20-24	57	34.5	744	19.9	26	27.4	266	37.8	60	26.5	2,531	30.7
25-29	34	20.6	1,410	37.7	18	18.9	179	25.5	73	32.3	2,070	25.1
30-34	21	12.7	991	26.5	19	20.0	96	13.7	50	22.1	1,239	15.0
35-39	5	3.0	302	8.1	6	6.3	24	3.4	17	7.5	437	5.3
40 AND OVER	1	0.6	43	1.1	1	1.1	8	1.1	0	0.0	83	1.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	ST. LOUIS CO		SALINE		SCHUYLER		SCOTLAND		SCOTT		SHANNON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	14,620	100.0	315	100.0	54	100.0	59	100.0	637	100.0	107	100.0
UNDER 2500 GRAMS	1,031	7.1	25	7.9	2	3.7	4	6.8	58	9.1	6	5.6
OVER 4499 GRAMS	234	1.6	6	1.9	1	1.9	3	5.1	7	1.1	3	2.8
CROWN HEEL LT 47 CM (<18.5 IN)	784	5.5	32	10.5	2	3.8	5	9.4	71	11.4	7	6.6
LESS THAN 37 WEEKS GESTATION	1,333	9.1	53	16.8	4	7.4	7	11.9	71	11.1	8	7.5
APGAR SCORE LESS THAN 8	352	2.4	12	3.8	2	3.7	1	1.7	26	4.1	1	0.9
CONGENITAL ANOMALIES	156	1.1	6	1.9	0	0.0	2	3.4	14	2.2	1	0.9
ABNORMAL CONDITIONS OF NEWBORN	566	3.9	21	6.7	4	7.4	4	6.8	52	8.2	6	5.6
INFANT TRANSFERS	204	1.4	5	1.6	2	3.7	2	3.4	27	4.2	1	0.9
MATERNAL TRANSFERS	193	1.3	12	3.8	3	5.6	5	8.5	20	3.1	3	2.8
HOME DELIVERIES	110	0.8	1	0.3	1	1.9	10	16.9	4	0.6	2	1.9
CESAREAN DELIVERIES	3,404	23.3	77	24.4	19	35.2	9	15.3	206	32.3	21	19.6
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	2,586	17.7	111	35.2	15	27.8	12	20.3	164	25.7	33	30.8
DRANK ALCOHOL DURING PREG	482	3.3	7	2.2	0	0.0	0	0.0	7	1.1	1	0.9
GT 15 PERCENT UNDERWEIGHT	1,286	9.4	47	15.3	1	1.9	3	5.8	54	8.7	14	13.1
GT 20 PERCENT OVERWEIGHT	2,703	19.8	94	30.5	18	34.6	17	32.7	158	25.4	22	20.6
GAINED LT 20 LBS DURING PREG	1,619	11.8	57	18.4	8	15.1	9	15.5	98	15.8	17	15.9
MATERNAL EDUCATION UNDER 12	1,572	10.8	92	29.2	8	14.8	16	27.1	177	27.8	33	30.8
OUT-OF-WEDLOCK BIRTHS	3,625	24.8	114	36.2	6	11.1	7	11.9	228	35.8	15	14.0
LIVE BIRTH ORDER 4 OR MORE	1,332	9.1	36	11.4	10	18.5	13	22.0	58	9.1	9	8.4
LT 18 MOS SINCE LAST BIRTH	1,010	12.1	34	19.2	3	8.1	4	9.5	42	11.6	14	22.2
PRENATAL CARE												
1ST TRIMESTER	12,609	86.2	230	73.0	44	81.5	46	78.0	409	64.2	79	73.8
2ND TRIMESTER	1,482	10.1	69	21.9	8	14.8	8	13.6	161	25.3	25	23.4
3RD TRIMESTER	176	1.2	9	2.9	1	1.9	4	6.8	41	6.4	2	1.9
NO PRENATAL CARE	189	1.3	3	1.0	1	1.9	0	0.0	23	3.6	1	0.9
INADEQUATE PRENATAL CARE	1,567	10.9	63	20.6	8	14.8	15	25.9	183	28.9	19	17.8
MOTHER MEDICAID PARTICIPANT	2,749	19.0	161	51.4	24	45.3	17	32.1	320	50.8	73	68.2
MOTHER WIC PARTICIPANT	2,938	20.3	146	46.6	29	54.7	22	41.5	350	55.6	68	63.6
MOTHER ON MEDICAID AND WIC	2,041	14.1	130	41.5	21	39.6	15	28.3	284	45.1	60	56.1
MOTHER FOOD STAMP RECIPIENT	1,792	12.4	88	28.1	8	15.1	9	17.0	216	34.3	45	42.1
AGE OF MOTHER												
UNDER 15	14	0.1	0	0.0	0	0.0	0	0.0	5	0.8	0	0.0
15-17	423	2.9	19	6.0	2	3.7	0	0.0	47	7.4	9	8.4
18-19	820	5.6	35	11.1	6	11.1	3	5.1	86	13.5	11	10.3
20-24	2,666	18.2	124	39.4	15	27.8	21	35.6	216	33.9	46	43.0
25-29	4,594	31.4	80	25.4	19	35.2	18	30.5	166	26.1	27	25.2
30-34	4,270	29.2	40	12.7	10	18.5	12	20.3	85	13.3	9	8.4
35-39	1,604	11.0	14	4.4	2	3.7	3	5.1	23	3.6	5	4.7
40 AND OVER	226	1.5	3	1.0	0	0.0	1	1.7	9	1.4	0	0.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	SHELBY		STODDARD		STONE		SULLIVAN		TANEY		TEXAS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	102	100.0	330	100.0	251	100.0	70	100.0	320	100.0	275	100.0
UNDER 2500 GRAMS	3	2.9	21	6.4	19	7.6	3	4.3	22	6.9	13	4.7
OVER 4499 GRAMS	2	2.0	5	1.5	6	2.4	1	1.4	2	0.6	6	2.2
CROWN HEEL LT 47 CM (<18.5 IN)	4	4.8	44	13.8	20	8.5	6	8.8	25	8.0	21	7.8
LESS THAN 37 WEEKS GESTATION	5	4.9	29	8.8	31	12.4	4	5.7	24	7.5	27	9.8
APGAR SCORE LESS THAN 8	6	5.9	20	6.1	7	2.8	4	5.7	15	4.7	9	3.3
CONGENITAL ANOMALIES	3	2.9	1	0.3	4	1.6	1	1.4	5	1.6	5	1.8
ABNORMAL CONDITIONS OF NEWBORN	9	8.8	29	8.8	17	6.8	4	5.7	17	5.3	20	7.3
INFANT TRANSFERS	2	2.0	19	5.8	4	1.6	1	1.4	4	1.3	11	4.0
MATERNAL TRANSFERS	1	1.0	9	2.7	4	1.6	1	1.4	10	3.1	13	4.7
HOME DELIVERIES	1	1.0	1	0.3	0	0.0	4	5.7	1	0.3	3	1.1
CESAREAN DELIVERIES	16	15.7	83	25.2	77	30.7	15	21.4	103	32.2	69	25.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	19	18.6	100	30.3	81	32.3	15	21.4	92	28.8	96	34.9
DRANK ALCOHOL DURING PREG	0	0.0	1	0.3	3	1.2	2	2.9	2	0.6	0	0.0
GT 15 PERCENT UNDERWEIGHT	6	7.4	39	12.1	20	8.5	4	6.0	40	12.7	25	9.2
GT 20 PERCENT OVERWEIGHT	26	32.1	91	28.3	51	21.8	14	20.9	74	23.5	71	26.0
GAINED LT 20 LBS DURING PREG	14	14.0	55	17.3	27	10.8	12	17.4	45	14.2	41	15.0
MATERNAL EDUCATION UNDER 12	11	10.8	98	29.7	58	23.1	14	20.0	84	26.3	84	30.5
OUT-OF-WEDLOCK BIRTHS	18	17.6	82	24.8	60	23.9	7	10.0	78	24.4	68	24.7
LIVE BIRTH ORDER 4 OR MORE	8	7.8	19	5.8	16	6.4	8	11.4	35	10.9	32	11.6
LT 18 MOS' SINCE LAST BIRTH	8	12.1	24	13.6	15	11.9	2	4.9	27	15.3	16	9.8
PRENATAL CARE												
1ST TRIMESTER	83	81.4	211	63.9	186	74.1	53	75.7	224	70.0	212	77.1
2ND TRIMESTER	13	12.7	89	27.0	56	22.3	11	15.7	74	23.1	57	20.7
3RD TRIMESTER	3	2.9	18	5.5	7	2.8	3	4.3	17	5.3	4	1.5
NO PRENATAL CARE	1	1.0	10	3.0	2	0.8	2	2.9	4	1.3	1	0.4
INADEQUATE PRENATAL CARE	16	16.2	98	29.9	47	18.7	14	20.6	81	25.4	36	13.1
MOTHER MEDICAID PARTICIPANT	29	34.9	169	51.8	125	53.4	22	32.4	166	52.7	162	59.1
MOTHER WIC PARTICIPANT	41	49.4	192	58.9	120	51.3	30	44.1	143	45.4	179	65.3
MOTHER ON MEDICAID AND WIC	28	33.7	146	44.8	98	41.9	17	25.0	129	41.0	142	51.8
MOTHER FOOD STAMP RECIPIENT	19	22.9	116	35.6	45	19.2	12	17.6	56	17.8	103	37.6
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	2	2.0	18	5.5	10	4.0	1	1.4	17	5.3	17	6.2
18-19	3	2.9	43	13.0	33	13.1	5	7.1	43	13.4	44	16.0
20-24	26	25.5	135	40.9	101	40.2	26	37.1	103	32.2	103	37.5
25-29	42	41.2	85	25.8	60	23.9	24	34.3	85	26.6	62	22.5
30-34	23	22.5	33	10.0	38	15.1	12	17.1	44	13.8	29	10.5
35-39	6	5.9	16	4.8	9	3.6	2	2.9	22	6.9	13	4.7
40 AND OVER	0	0.0	0	0.0	0	0.0	0	0.0	5	1.6	7	2.5

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

	VERNON		WARREN		WASHINGTON		WAYNE		WEBSTER		WORTH	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	260	100.0	349	100.0	299	100.0	175	100.0	361	100.0	20	100.0
UNDER 2500 GRAMS	19	7.3	25	7.2	21	7.0	8	4.6	26	7.2	0	0.0
OVER 4499 GRAMS	5	1.9	5	1.4	3	1.0	3	1.7	8	2.2	0	0.0
CROWN HEEL LT 47 CM (<18.5 IN)	19	8.8	22	6.5	16	5.4	14	8.2	18	5.1	0	0.0
LESS THAN 37 WEEKS GESTATION	27	10.4	29	8.3	23	7.7	9	5.1	34	9.4	0	0.0
APGAR SCORE LESS THAN 8	25	9.6	8	2.3	6	2.0	4	2.3	7	1.9	2	10.0
CONGENITAL ANOMALIES	3	1.2	7	2.0	6	2.0	1	0.6	5	1.4	0	0.0
ABNORMAL CONDITIONS OF NEWBORN	19	7.3	29	8.3	15	5.0	5	2.9	22	6.1	0	0.0
INFANT TRANSFERS	4	1.5	7	2.0	8	2.7	4	2.3	2	0.6	0	0.0
MATERNAL TRANSFERS	8	3.1	14	4.0	9	3.0	1	0.6	9	2.5	0	0.0
HOME DELIVERIES	1	0.4	4	1.1	0	0.0	0	0.0	41	11.4	0	0.0
CESAREAN DELIVERIES	81	31.2	97	27.8	82	27.4	37	21.1	83	23.0	3	15.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	75	28.8	129	37.0	88	29.4	59	33.7	75	20.8	11	55.0
DRANK ALCOHOL DURING PREG	8	3.1	15	4.3	8	2.7	5	2.9	12	3.3	1	5.0
GT 15 PERCENT UNDERWEIGHT	33	12.8	37	10.9	39	13.1	22	12.8	33	9.1	2	11.1
GT 20 PERCENT OVERWEIGHT	62	24.1	75	22.2	75	25.3	52	30.2	95	26.3	4	22.2
GAINED LT 20 LBS DURING PREG	47	18.4	56	16.6	38	12.8	24	14.3	42	11.7	1	5.0
MATERNAL EDUCATION UNDER 12	62	23.8	83	23.8	115	38.5	59	33.7	108	29.9	2	10.0
OUT-OF-WEDLOCK BIRTHS	79	30.4	93	26.6	111	37.1	48	27.4	50	13.9	0	0.0
LIVE BIRTH ORDER 4 OR MORE	25	9.6	42	12.0	24	8.0	19	10.9	57	15.8	4	20.0
LT 18 MOS SINCE LAST BIRTH	25	17.1	37	16.4	20	12.7	11	11.1	46	19.6	1	7.7
PRENATAL CARE												
1ST TRIMESTER	199	76.5	245	70.2	236	78.9	110	62.9	259	71.7	18	90.0
2ND TRIMESTER	48	18.5	79	22.6	50	16.7	48	27.4	66	18.3	2	10.0
3RD TRIMESTER	11	4.2	13	3.7	11	3.7	15	8.6	33	9.1	0	0.0
NO PRENATAL CARE	1	0.4	8	2.3	1	0.3	2	1.1	1	0.3	0	0.0
INADEQUATE PRENATAL CARE	42	16.3	77	22.8	43	14.5	67	38.5	80	22.3	2	10.0
MOTHER MEDICAID PARTICIPANT	135	63.7	95	27.5	191	64.1	116	66.7	119	33.0	7	38.9
MOTHER WIC PARTICIPANT	115	54.2	118	34.1	211	70.8	126	72.4	147	40.7	6	33.3
MOTHER ON MEDICAID AND WIC	100	47.2	76	22.0	176	59.1	108	62.1	105	29.1	5	27.8
MOTHER FOOD STAMP RECIPIENT	69	32.5	61	17.6	124	41.6	75	43.1	64	17.7	3	16.7
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	3	1.0	0	0.0	0	0.0	0	0.0
15-17	20	7.7	13	3.7	22	7.4	14	8.0	11	3.0	0	0.0
18-19	36	13.8	27	7.7	52	17.4	28	16.0	37	10.2	2	10.0
20-24	93	35.8	107	30.7	128	42.8	56	32.0	125	34.6	5	25.0
25-29	73	28.1	108	30.9	60	20.1	46	26.3	100	27.7	6	30.0
30-34	27	10.4	64	18.3	29	9.7	26	14.9	58	16.1	6	30.0
35-39	8	3.1	21	6.0	5	1.7	3	1.7	20	5.5	1	5.0
40 AND OVER	3	1.2	8	2.3	0	0.0	2	1.1	10	2.8	0	0.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1991

WRIGHT  
NUMBER PERCENT

TOTAL LIVE BIRTHS	236	100.0
UNDER 2500 GRAMS	16	6.8
OVER 4499 GRAMS	2	0.8
CROWN HEEL LT 47 CM (<18.5 IN)	15	6.4
LESS THAN 37 WEEKS GESTATION	26	11.0
APGAR SCORE LESS THAN 8	9	3.8
CONGENITAL ANOMALIES	2	0.8
ABNORMAL CONDITIONS OF NEWBORN	16	6.8
INFANT TRANSFERS	3	1.3
MATERNAL TRANSFERS	11	4.7
HOME DELIVERIES	1	0.4
CESAREAN DELIVERIES	62	26.3
MATERNAL RISK FACTORS		
SMOKED DURING PREGNANCY	64	27.1
DRANK ALCOHOL DURING PREG	0	0.0
GT 15 PERCENT UNDERWEIGHT	31	13.1
GT 20 PERCENT OVERWEIGHT	55	23.3
GAINED LT 20 LBS DURING PREG	29	12.3
MATERNAL EDUCATION UNDER 12	77	32.6
OUT-OF-WEDLOCK BIRTHS	50	21.2
LIVE BIRTH ORDER 4 OR MORE	18	7.6
LT 18 MOS SINCE LAST BIRTH	22	15.7
PRENATAL CARE		
1ST TRIMESTER	180	76.3
2ND TRIMESTER	53	22.5
3RD TRIMESTER	0	0.0
NO PRENATAL CARE	3	1.3
INADEQUATE PRENATAL CARE	34	14.5
MOTHER MEDICAID PARTICIPANT	146	61.9
MOTHER WIC PARTICIPANT	162	68.6
MOTHER ON MEDICAID AND WIC	130	55.1
MOTHER FOOD STAMP RECIPIENT	88	37.3
AGE OF MOTHER		
UNDER 15	1	0.4
15-17	24	10.2
18-19	38	16.1
20-24	81	34.3
25-29	63	26.7
30-34	24	10.2
35-39	5	2.1
40 AND OVER	0	0.0

TABLE 10C

	BLUE SPRINGS		CAPE GIRARDEAU		COLUMBIA		FLORISSANT		GLADSTONE		MISSOURI 1991 INDEPENDENCE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	689	100.0	457	100.0	1,148	100.0	705	100.0	298	100.0	1,741	100.0
UNDER 2500 GRAMS	29	4.2	21	4.6	81	7.1	55	7.8	18	6.0	113	6.5
OVER 4499 GRAMS	12	1.7	8	1.8	20	1.7	10	1.4	9	3.0	33	1.9
CROWN HEEL LT 47 CM (<18.5 IN)	41	6.1	40	8.8	62	5.6	41	6.0	14	4.9	126	7.4
LESS THAN 37 WEEKS GESTATION	44	6.4	48	10.5	106	9.2	77	10.9	21	7.0	178	10.2
APGAR SCORE LESS THAN 8	22	3.2	20	4.4	36	3.1	17	2.4	8	2.7	58	3.3
CONGENITAL ANOMALIES	4	0.6	5	1.1	24	2.1	7	1.0	3	1.0	21	1.2
ABNORMAL CONDITIONS OF NEWBORN	32	4.6	21	4.6	84	7.3	26	3.7	19	6.4	99	5.7
INFANT TRANSFERS	10	1.5	15	3.3	5	0.4	11	1.6	4	1.3	29	1.7
MATERNAL TRANSFERS	12	1.7	5	1.1	7	0.6	13	1.8	6	2.0	81	4.7
HOME DELIVERIES	0	0.0	2	0.4	3	0.3	3	0.4	0	0.0	13	0.7
CESAREAN DELIVERIES	150	21.8	123	26.9	242	21.1	190	27.0	75	25.2	374	21.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	105	15.2	89	19.5	218	19.0	166	23.5	69	23.2	561	32.2
DRANK ALCOHOL DURING PREG	9	1.3	2	0.4	36	3.1	20	2.8	2	0.7	39	2.2
GT 15 PERCENT UNDERWEIGHT	77	11.3	41	9.0	95	9.2	43	6.3	45	15.2	215	12.6
GT 20 PERCENT OVERWEIGHT	118	17.3	113	24.8	238	23.0	152	22.4	53	17.9	423	24.8
GAINED LT 20 LBS DURING PREG	59	8.7	67	14.7	152	14.3	87	12.8	30	10.3	175	10.4
MATERNAL EDUCATION UNDER 12	68	9.9	86	18.8	164	14.3	43	6.1	36	12.1	381	21.9
OUT-OF-WEDLOCK BIRTHS	105	15.2	149	32.6	329	28.7	124	17.6	44	14.8	501	28.8
LIVE BIRTH ORDER 4 OR MORE	43	6.2	25	5.5	84	7.3	60	8.5	12	4.0	155	8.9
LT 18 MOS SINCE LAST BIRTH	34	8.7	27	10.5	65	11.2	45	11.8	12	8.4	130	13.4
PRENATAL CARE												
1ST TRIMESTER	611	88.7	340	74.4	872	76.0	630	89.4	258	86.6	1,390	79.8
2ND TRIMESTER	64	9.3	99	21.7	185	16.1	64	9.1	30	10.1	263	15.1
3RD TRIMESTER	3	0.4	13	2.8	45	3.9	6	0.9	5	1.7	50	2.9
NO PRENATAL CARE	4	0.6	5	1.1	7	0.6	5	0.7	4	1.3	11	0.6
INADEQUATE PRENATAL CARE	48	7.2	73	16.0	163	15.8	64	9.1	23	8.0	261	15.8
MOTHER MEDICAID PARTICIPANT	102	15.3	184	40.4	360	31.6	68	9.8	54	18.8	593	34.9
MOTHER WIC PARTICIPANT	87	13.0	177	38.8	349	30.6	93	13.3	44	15.3	576	33.9
MOTHER ON MEDICAID AND WIC	64	9.6	151	33.1	272	23.9	46	6.6	29	10.1	446	26.3
MOTHER FOOD STAMP RECIPIENT	51	7.6	115	25.2	245	21.5	34	4.9	33	11.5	382	22.5
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.2	2	0.2	0	0.0	0	0.0	3	0.2
15-17	21	3.0	21	4.6	38	3.3	13	1.8	8	2.7	102	5.9
18-19	33	4.8	51	11.2	72	6.3	38	5.4	23	7.7	178	10.2
20-24	174	25.3	146	31.9	295	25.7	127	18.0	78	26.2	521	29.9
25-29	257	37.3	121	26.5	371	32.3	274	38.9	90	30.2	527	30.3
30-34	156	22.6	91	19.9	253	22.0	193	27.4	72	24.2	313	18.0
35-39	44	6.4	24	5.3	104	9.1	60	8.5	27	9.1	89	5.1
40 AND OVER	4	0.6	2	0.4	12	1.0	0	0.0	0	0.0	8	0.5

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991												
	JEFFERSON CITY		JOPLIN		KANSAS CITY TOTAL		KANSAS CITY CASS COUNTY		KANSAS CITY CLAY COUNTY		KANSAS CITY JACKSON COUNTY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	519	100.0	843	100.0	7,768	100.0	0	--	1,142	100.0	6,155	100.0
UNDER 2500 GRAMS	38	7.3	54	6.4	749	9.6	0	--	77	6.7	639	10.4
OVER 4499 GRAMS	13	2.5	16	1.9	104	1.3	0	--	22	1.9	75	1.2
CROWN HEEL LT 47 CM (<18.5 IN)	48	9.4	32	3.9	714	9.7	0	--	85	7.7	603	10.4
LESS THAN 37 WEEKS GESTATION	40	7.7	83	9.8	965	12.4	0	--	97	8.5	827	13.4
APGAR SCORE LESS THAN 8	21	4.0	21	2.5	317	4.1	0	--	25	2.2	280	4.5
CONGENITAL ANOMALIES	9	1.7	11	1.3	112	1.4	0	--	16	1.4	89	1.4
ABNORMAL CONDITIONS OF NEWBORN	39	7.5	76	9.0	356	4.6	0	--	44	3.9	292	4.7
INFANT TRANSFERS	4	0.8	10	1.2	102	1.3	0	--	9	0.8	84	1.4
MATERNAL TRANSFERS	20	3.9	16	1.9	873	11.2	0	--	44	3.9	816	13.3
HOME DELIVERIES	4	0.8	1	0.1	48	0.6	0	--	6	0.5	41	0.7
CESAREAN DELIVERIES	123	23.7	169	20.0	1,481	19.1	0	--	276	24.2	1,097	17.8
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	124	23.9	231	27.4	1,749	22.5	0	--	290	25.4	1,376	22.4
DRANK ALCOHOL DURING PREG	14	2.7	24	2.8	367	4.7	0	--	21	1.8	334	5.4
GT 15 PERCENT UNDERWEIGHT	49	9.8	83	9.9	769	10.4	0	--	129	11.6	599	10.3
GT 20 PERCENT OVERWEIGHT	127	25.3	194	23.2	1,772	24.0	0	--	238	21.4	1,454	25.0
GAINED LT 20 LBS DURING PREG	85	17.1	104	12.4	928	12.9	0	--	127	11.4	760	13.5
MATERNAL EDUCATION UNDER 12	96	18.5	205	24.3	1,816	23.4	0	--	155	13.6	1,620	26.3
OUT-OF-WEDLOCK BIRTHS	147	28.3	237	28.1	3,597	46.3	0	--	228	20.0	3,296	53.5
LIVE BIRTH ORDER 4 OR MORE	35	6.7	56	6.6	928	11.9	0	--	67	5.9	839	13.6
LT 18 MOS SINCE LAST BIRTH	34	12.9	62	13.7	829	18.9	0	--	70	11.6	735	20.9
PRENATAL CARE												
1ST TRIMESTER	378	72.8	638	75.7	5,750	74.0	0	--	968	84.8	4,369	71.0
2ND TRIMESTER	115	22.2	161	19.1	1,200	15.4	0	--	120	10.5	1,037	16.8
3RD TRIMESTER	11	2.1	40	4.7	283	3.6	0	--	21	1.8	257	4.2
NO PRENATAL CARE	3	0.6	4	0.5	179	2.3	0	--	8	0.7	168	2.7
INADEQUATE PRENATAL CARE	81	16.3	173	20.5	1,302	19.4	0	--	106	9.8	1,167	22.5
MOTHER MEDICAID PARTICIPANT	162	31.4	366	43.8	3,160	43.3	0	--	233	21.1	2,873	50.0
MOTHER WIC PARTICIPANT	121	23.4	351	42.0	3,097	42.4	0	--	205	18.6	2,830	49.3
MOTHER ON MEDICAID AND WIC	110	21.3	289	34.6	2,435	33.3	0	--	161	14.6	2,235	38.9
MOTHER FOOD STAMP RECIPIENT	99	19.2	224	26.8	2,301	31.5	0	--	130	11.8	2,137	37.2
AGE OF MOTHER												
UNDER 15	1	0.2	0	0.0	48	0.6	0	--	2	0.2	45	0.7
15-17	24	4.6	37	4.4	516	6.6	0	--	32	2.8	470	7.6
18-19	42	8.1	100	11.9	784	10.1	0	--	66	5.8	702	11.4
20-24	159	30.6	300	35.6	2,235	28.8	0	--	294	25.7	1,847	30.0
25-29	142	27.4	235	27.9	2,176	28.0	0	--	402	35.2	1,602	26.0
30-34	116	22.4	133	15.8	1,411	18.2	0	--	250	21.9	1,019	16.6
35-39	30	5.8	34	4.0	509	6.6	0	--	83	7.3	399	6.5
40 AND OVER	5	1.0	4	0.5	87	1.1	0	--	13	1.1	69	1.1

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

	KANSAS CITY PLATTE COUNTY		KIRKWOOD		LEES SUMMIT		MARYLAND HGTS		RAYTOWN		ST. CHARLES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	471	100.0	384	100.0	798	100.0	412	100.0	365	100.0	1,124	100.0
UNDER 2500 GRAMS	33	7.0	23	6.0	37	4.6	24	5.8	17	4.7	63	5.6
OVER 4499 GRAMS	7	1.5	2	0.5	11	1.4	7	1.7	4	1.1	23	2.0
CROWN HEEL LT 47 CM (<18.5 IN)	26	5.8	16	4.2	46	6.2	17	4.2	16	4.7	42	3.9
LESS THAN 37 WEEKS GESTATION	41	8.7	28	7.3	58	7.3	20	4.9	25	6.8	90	8.0
APGAR SCORE LESS THAN 8	12	2.5	3	0.8	15	1.9	6	1.5	13	3.6	24	2.1
CONGENITAL ANOMALIES	7	1.5	2	0.5	12	1.5	7	1.7	4	1.1	26	2.3
ABNORMAL CONDITIONS OF NEWBORN	20	4.2	10	2.6	26	3.3	16	3.9	12	3.3	151	13.4
INFANT TRANSFERS	9	1.9	4	1.0	9	1.1	3	0.7	0	0.0	25	2.2
MATERNAL TRANSFERS	13	2.8	1	0.3	18	2.3	3	0.7	8	2.2	38	3.4
HOME DELIVERIES	1	0.2	2	0.5	1	0.1	4	1.0	0	0.0	7	0.6
CESAREAN DELIVERIES	108	22.9	101	26.3	182	22.8	97	23.5	79	21.6	327	29.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	83	17.6	51	13.3	116	14.5	74	18.0	80	21.9	284	25.3
DRANK ALCOHOL DURING PREG	12	2.5	20	5.2	26	3.3	10	2.4	21	5.8	24	2.1
GT 15 PERCENT UNDERWEIGHT	41	9.0	27	7.9	82	10.5	31	8.0	38	10.8	104	9.8
GT 20 PERCENT OVERWEIGHT	80	17.6	62	18.1	132	16.9	67	17.3	83	23.6	216	20.3
GAINED LT 20 LBS DURING PREG	41	9.0	36	10.4	61	7.8	26	6.7	39	11.1	129	11.9
MATERNAL EDUCATION UNDER 12	41	8.7	28	7.3	67	8.4	29	7.0	31	8.5	156	13.9
OUT-OF-WEDLOCK BIRTHS	73	15.5	59	15.4	108	13.5	58	14.1	77	21.1	240	21.4
LIVE BIRTH ORDER 4 OR MORE	22	4.7	31	8.1	38	4.8	33	8.0	19	5.2	93	8.3
LT 18 MOS SINCE LAST BIRTH	24	9.4	30	13.8	38	8.4	32	14.0	18	9.0	76	12.3
PRENATAL CARE												
1ST TRIMESTER	413	87.7	355	92.4	732	91.7	370	89.8	320	87.7	946	84.2
2ND TRIMESTER	43	9.1	15	3.9	52	6.5	31	7.5	28	7.7	140	12.5
3RD TRIMESTER	5	1.1	6	1.6	8	1.0	3	0.7	9	2.5	26	2.3
NO PRENATAL CARE	3	0.6	2	0.5	2	0.3	1	0.2	2	0.5	9	0.8
INADEQUATE PRENATAL CARE	29	6.5	18	4.8	50	6.4	24	6.0	34	9.9	133	11.9
MOTHER MEDICAID PARTICIPANT	54	12.0	35	9.2	99	13.5	33	8.0	62	18.3	185	16.7
MOTHER WIC PARTICIPANT	62	13.7	47	12.3	85	11.6	44	10.7	51	15.1	188	17.0
MOTHER ON MEDICAID AND WIC	39	8.6	30	7.9	62	8.5	26	6.3	35	10.4	136	12.3
MOTHER FOOD STAMP RECIPIENT	34	7.5	19	5.0	50	6.8	21	5.1	30	8.9	115	10.4
AGE OF MOTHER												
UNDER 15	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	14	3.0	9	2.3	16	2.0	3	0.7	10	2.7	30	2.7
18-19	16	3.4	12	3.1	33	4.1	15	3.6	20	5.5	61	5.4
20-24	94	20.0	43	11.2	156	19.5	68	16.5	82	22.5	257	22.9
25-29	172	36.5	108	28.1	293	36.7	156	37.9	126	34.5	418	37.2
30-34	142	30.1	145	37.8	233	29.2	118	28.6	93	25.5	261	23.2
35-39	27	5.7	56	14.6	58	7.3	42	10.2	30	8.2	82	7.3
40 AND OVER	5	1.1	11	2.9	9	1.1	9	2.2	4	1.1	15	1.3

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

	ST. JOSEPH		ST. LOUIS CITY		ST. PETERS		SPRINGFIELD		UNIVERSITY CITY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,118	100.0	8,255	100.0	754	100.0	2,099	100.0	739	100.0
UNDER 2500 GRAMS	74	6.6	980	11.9	33	4.4	143	6.8	73	9.9
OVER 4499 GRAMS	16	1.4	75	0.9	16	2.1	38	1.8	10	1.4
CROWN HEEL LT 47 CM (<18.5 IN)	46	4.1	818	10.1	38	5.1	127	6.1	55	7.6
LESS THAN 37 WEEKS GESTATION	83	7.4	1,332	16.1	52	6.9	218	10.4	102	13.8
APGAR SCORE LESS THAN 8	16	1.4	368	4.5	12	1.6	42	2.0	33	4.5
CONGENITAL ANOMALIES	14	1.3	71	0.9	11	1.5	22	1.0	4	0.5
ABNORMAL CONDITIONS OF NEWBORN	17	1.5	480	5.8	80	10.6	135	6.4	38	5.1
INFANT TRANSFERS	5	0.4	175	2.1	10	1.3	4	0.2	19	2.6
MATERNAL TRANSFERS	14	1.3	94	1.1	18	2.4	34	1.6	13	1.8
HOME DELIVERIES	3	0.3	96	1.2	7	0.9	7	0.3	5	0.7
CESAREAN DELIVERIES	131	11.7	1,492	18.1	206	27.3	549	26.2	158	21.4
MATERNAL RISK FACTORS										
SMOKED DURING PREGNANCY	382	34.2	2,090	25.3	124	16.4	548	26.1	105	14.2
DRANK ALCOHOL DURING PREG	24	2.1	237	2.9	12	1.6	24	1.1	36	4.9
GT 15 PERCENT UNDERWEIGHT	112	10.3	785	9.9	73	10.1	230	11.0	67	9.6
GT 20 PERCENT OVERWEIGHT	261	24.0	2,181	27.6	118	16.3	459	21.9	152	21.7
GAINED LT 20 LBS DURING PREG	178	16.5	1,349	17.3	56	7.8	259	12.4	102	14.7
MATERNAL EDUCATION UNDER 12	292	26.1	3,039	36.8	57	7.6	446	21.2	115	15.6
OUT-OF-WEDLOCK BIRTHS	396	35.4	5,469	66.3	80	10.6	578	27.5	291	39.4
LIVE BIRTH ORDER 4 OR MORE	93	8.3	1,441	17.5	59	7.8	156	7.4	74	10.0
LT 18 MOS SINCE LAST BIRTH	106	16.6	1,225	24.3	38	8.4	171	15.0	53	12.3
PRENATAL CARE										
1ST TRIMESTER	682	61.0	5,293	64.1	679	90.1	1,665	79.3	584	79.0
2ND TRIMESTER	368	32.9	1,917	23.2	65	8.6	348	16.6	109	14.7
3RD TRIMESTER	51	4.6	285	3.5	5	0.7	52	2.5	14	1.9
NO PRENATAL CARE	7	0.6	526	6.4	3	0.4	33	1.6	20	2.7
INADEQUATE PRENATAL CARE	471	42.6	2,585	32.4	56	7.5	304	14.5	126	17.3
MOTHER MEDICAID PARTICIPANT	538	48.3	5,155	62.8	48	6.4	910	43.5	249	33.9
MOTHER WIC PARTICIPANT	418	37.6	4,430	54.0	50	6.6	884	42.2	230	31.3
MOTHER ON MEDICAID AND WIC	388	34.9	3,865	47.1	34	4.5	713	34.1	178	24.2
MOTHER FOOD STAMP RECIPIENT	384	34.5	3,938	48.0	24	3.2	497	23.7	170	23.1
AGE OF MOTHER										
UNDER 15	3	0.3	67	0.8	0	0.0	4	0.2	1	0.1
15-17	75	6.7	805	9.8	21	2.8	88	4.2	36	4.9
18-19	136	12.2	1,021	12.4	31	4.1	223	10.6	54	7.3
20-24	379	33.9	2,531	30.7	108	14.3	668	31.8	131	17.7
25-29	303	27.1	2,070	25.1	293	38.9	608	29.0	212	28.7
30-34	156	14.0	1,239	15.0	233	30.9	374	17.8	174	23.5
35-39	59	5.3	437	5.3	61	8.1	120	5.7	113	15.3
40 AND OVER	7	0.6	83	1.0	7	0.9	14	0.7	18	2.4

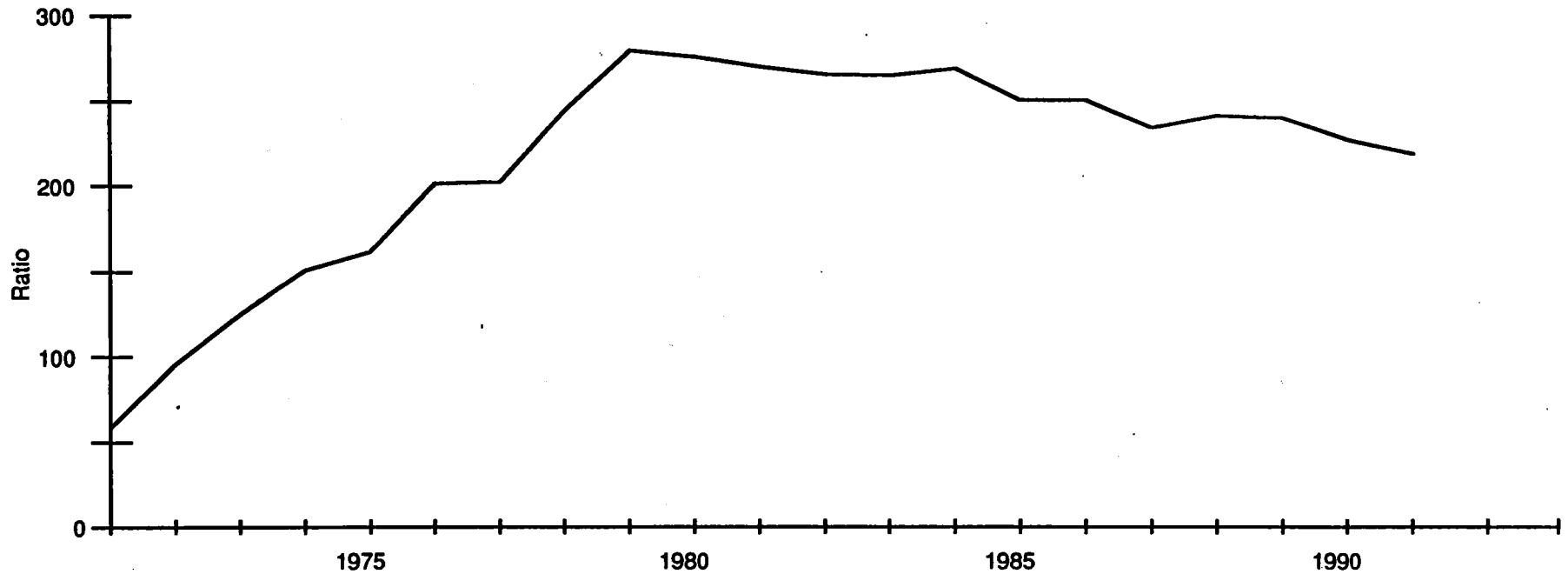
TABLE 11 RESIDENT TEEN-AGE PREGNANCIES AND ABORTIONS BY SELECTED AGES BY COUNTY OF RESIDENCE: MISSOURI 1991

	TOTAL PREGNANCIES			ABORTIONS				TOTAL PREGNANCIES			ABORTIONS		
	UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19		UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19
STATE TOTAL	15,305	5,698	9,607	3,923	1,558	2,365							
ADAIR	30	12	18	13	4	9	DAVIESS	11	3	8	1	0	1
ANDREW	25	8	17	8	4	4	DE KALB	17	5	12	4	2	2
ATCHISON	8	3	5	1	1	0	DENT	40	15	25	5	4	1
AUDRAIN	59	24	35	6	5	1	DOUGLAS	37	11	26	6	2	4
BARRY	93	30	63	14	5	9	DUNKLIN	149	65	84	18	8	10
BARTON	29	10	19	4	0	4	FRANKLIN	201	60	141	38	15	23
BATES	34	11	23	10	4	6	GASCONADE	32	8	24	5	2	3
BENTON	29	11	18	7	4	3	GENTRY	8	2	6	1	1	0
BOLLINGER	29	10	19	0	0	0	GREENE	568	165	403	185	55	130
BOONE	274	84	190	123	29	94	GRUNDY	27	11	16	9	7	2
BUCHANAN	286	102	184	60	22	38	HARRISON	16	4	12	1	1	0
BUTLER	130	47	83	13	6	7	HENRY	46	18	28	5	2	3
CALDWELL	14	5	9	2	1	1	HICKORY	21	10	11	5	4	1
CALLAWAY	99	28	71	25	8	17	HOLT	9	6	3	4	4	0
CAMDEN	61	23	38	17	4	13	HOWARD	26	5	21	5	0	5
CAPE GIRARDEAU	158	46	112	30	7	23	HOWELL	100	31	69	7	3	4
CARROLL	32	12	20	5	2	3	IRON	22	6	16	2	1	1
CARTER	21	8	13	1	1	0	JACKSON	2,476	1,020	1,456	702	311	391
CASS	150	52	98	48	19	29	JASPER	312	89	223	52	19	33
CEDAR	32	14	18	4	4	0	JEFFERSON	409	152	257	99	38	61
CHARITON	7	3	4	2	2	0	JOHNSON	122	23	99	50	9	41
CHRISTIAN	93	23	70	24	10	14	KNOX	4	3	1	0	0	0
CLARK	13	3	10	0	0	0	LACLEDE	90	35	55	15	10	5
CLAY	353	144	209	126	66	60	LAFAYETTE	82	27	55	9	4	5
CLINTON	37	11	26	7	3	4	LAWRENCE	87	29	58	11	5	6
COLE	132	53	79	43	19	24	LEWIS	11	4	7	0	0	0
COOPER	40	11	29	9	5	4	LINCOLN	86	30	56	18	9	9
CRAWFORD	45	12	33	1	0	1	LINN	32	11	21	4	3	1
DADE	17	10	7	1	1	0	LIVINGSTON	35	11	24	7	4	3
DALLAS	32	6	26	2	1	1	MC DONALD	56	20	36	5	2	3

TABLE 11(CONT) RESIDENT TEEN-AGE PREGNANCIES AND ABORTIONS BY SELECTED AGES BY COUNTY OF RESIDENCE: MISSOURI 1991

	TOTAL PREGNANCIES			ABORTIONS				TOTAL PREGNANCIES			ABORTIONS		
	UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19		UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19
MACON	36	11	25	6	4	2	RIPLEY	49	15	34	1	1	0
MADISON	38	12	26	5	1	4	ST. CHARLES	391	153	238	136	57	79
MARIES	13	5	8	4	3	1	ST. CLAIR	29	11	18	3	2	1
MARION	75	28	47	4	1	3	ST. FRANCOIS	154	58	96	23	10	13
MERCER	8	5	3	1	0	1	STE. GENEVIEVE	32	11	21	5	3	2
MILLER	65	20	45	10	6	4	ST. LOUIS CITY	2,512	1,105	1,407	602	223	379
MISSISSIPPI	67	29	38	5	2	3	ST. LOUIS COUNTY	2,127	761	1,366	857	320	537
MONITEAU	21	11	10	6	3	3	SALINE	76	30	46	22	11	11
MONROE	22	6	16	4	3	1	SCHUYLER	8	2	6	0	0	0
MONTGOMERY	20	11	9	2	0	2	SCOTLAND	3	0	3	0	0	0
MORGAN	44	15	29	7	4	3	SCOTT	157	57	100	19	5	14
NEW MADRID	95	32	63	6	4	2	SHANNON	20	9	11	0	0	0
NEWTON	146	39	107	30	10	20	SHELBY	6	2	4	1	0	1
NODAWAY	37	6	31	14	1	13	STODDARD	74	24	50	13	6	7
OREGON	28	11	17	2	2	0	STONE	52	14	38	9	4	5
OSAGE	18	7	11	6	3	3	SULLIVAN	6	1	5	0	0	0
OZARK	11	4	7	3	2	1	TANEY	71	21	50	11	4	7
PEMISCOT	139	73	66	17	12	5	TEXAS	70	18	52	7	0	7
PERRY	33	14	19	6	4	2	VERNON	65	22	43	9	2	7
PETTIS	116	46	70	23	11	12	WARREN	50	18	32	10	5	5
PHELPS	62	21	41	11	2	9	WASHINGTON	85	29	56	8	4	4
PIKE	39	11	28	4	3	1	WAYNE	50	17	33	6	2	4
PLATTE	122	57	65	44	24	20	WEBSTER	58	14	44	9	3	6
POLK	50	10	40	11	2	9	WORTH	3	1	2	1	1	0
PULASKI	119	35	84	27	12	15	WRIGHT	67	27	40	4	2	2
PUTNAM	11	3	8	0	0	0							
RALLS	8	2	6	1	1	0							
RANDOLPH	55	19	36	7	3	4							
RAY	63	28	35	8	4	4							
REYNOLDS	22	9	13	1	1	0							

**Graph D**  
**Resident Abortion Ratios per 1,000 Live Births**  
**Missouri 1971-1991**



	Recorded Abortions	Resident Abortions	Resident Abortion Ratio		Recorded Abortions	Resident Abortions	Resident Abortion Ratio		Recorded Abortions	Resident Abortions	Resident Abortion Ratio
1971	NA	4,582	58.5	1978	15,546	17,785	244.8	1985	19,482	19,210	250.5
1972	NA	6,943	95.8	1979	17,787	21,267	279.6	1986	19,039	18,824	250.6
1973	NA	8,589	125.2	1980	19,043	21,671	275.8	1987	17,574	17,518	234.1
1974	NA	10,486	151.1	1981	18,604	20,738	270.2	1988	17,382	18,379	241.5
1975	10,245	11,077	161.8	1982	19,226	20,380	265.9	1989	17,495	18,639	239.7
1976	12,885	13,869	201.6	1983	19,199	20,024	265.2	1990	16,366	17,947	226.8
1977	13,533	14,762	202.3	1984	20,204	20,037	269.2	1991	15,473	17,171	218.8

Source: 1971-1974 Centers for Disease Control; 1975-1991 Missouri Center for Health Statistics

TABLE 12

RESIDENT ABORTIONS BY RACE, AGE OF WOMAN AND TYPE OF PROCEDURE BY WEEKS OF GESTATION: MISSOURI 1991

RACE	WEEKS OF GESTATION								UNKNOWN
	TOTAL	UNDER 9	9-10	11-12	13-14	15-16	17-20	21 AND OVER	
TOTAL	17,171	6,700	5,207	3,063	1,019	490	498	135	59
WHITE	11,181	4,907	3,354	1,750	556	257	276	74	7
BLACK	5,511	1,579	1,736	1,252	448	224	212	59	1
OTHER	380	197	104	49	13	8	8	0	1
UNKNOWN	99	17	13	12	2	1	2	2	50
AGE									
TOTAL	17,171	6,700	5,207	3,063	1,019	490	498	135	59
UNDER 15	179	45	58	38	15	9	9	5	0
15	291	83	88	54	28	15	18	5	0
16	494	135	130	127	41	31	21	8	1
17	594	187	174	121	48	30	29	3	2
18	1,103	384	317	221	85	46	39	8	3
19	1,262	421	362	260	98	55	47	10	9
20-24	5,843	2,154	1,821	1,106	369	165	164	44	20
25-29	3,754	1,561	1,179	626	190	77	82	25	14
30-34	2,255	1,037	697	323	88	38	54	15	3
35-39	1,107	555	297	146	46	21	30	8	4
40 AND OVER	281	132	84	41	9	3	5	4	3
UNKNOWN	8	6	0	0	2	0	0	0	0
TYPE OF PROCEDURE									
TOTAL	17,171	6,700	5,207	3,063	1,019	490	498	135	59
CURETTAGE	15,923	6,652	5,122	2,941	851	218	73	22	44
INTRAUTERINE SALINE INSTILLATION	0	0	0	0	0	0	0	0	0
INTRAUTERINE PROSTAGLANDIN INSTILLATION	22	1	0	1	1	0	11	8	0
HYSTEROTOMY/HYSTERECTOMY	1	0	0	0	0	0	1	0	0
LAMINARIA D & E	1,134	28	59	112	163	271	405	96	0
OTHER	32	2	1	2	1	1	7	3	15
UNKNOWN	59	17	25	7	3	0	1	6	0

NOTE: WEEKS OF GESTATION IS COMPUTED FROM DATE OF LAST NORMAL MENSES UNLESS THE RESULT IS UNKNOWN OR ILLOGICAL;  
THEN THE CLINICAL ESTIMATE OF GESTATION IS USED.

TABLE 13

## RESIDENT ABORTIONS BY AGE, MARITAL STATUS, AND EDUCATION, BY RACE: MISSOURI 1991

AGE	RACE				
	TOTAL	WHITE	BLACK	OTHER	UNKNOWN
TOTAL	17,171	11,181	5,511	380	99
UNDER 15	179	81	96	2	0
15	291	173	114	4	0
16	494	335	147	9	3
17	594	387	195	9	3
18	1,103	751	331	15	6
19	1,262	810	426	15	11
20-24	5,843	3,761	1,917	133	32
25-29	3,754	2,424	1,235	71	24
30-34	2,255	1,491	696	59	9
35-39	1,107	754	296	51	6
40 AND OVER	281	207	57	12	5
UNKNOWN	8	7	1	0	0
MARITAL STATUS					
TOTAL	17,171	11,181	5,511	380	99
NEVER MARRIED	8,790	4,926	3,703	137	24
CURRENTLY MARRIED	3,621	2,608	832	166	15
FORMERLY MARRIED	1,835	1,491	308	30	6
UNMARRIED, UNSPECIFIED	2,688	2,079	563	44	2
UNKNOWN	237	77	105	3	52
YEARS OF EDUCATION					
TOTAL	17,171	11,181	5,511	380	99
0-8	351	205	134	12	0
9-11	3,093	2,026	1,014	44	9
12	7,745	4,922	2,670	136	17
13-15	4,002	2,673	1,254	71	4
16 OR MORE	1,624	1,220	314	81	9
UNKNOWN	356	135	125	36	60

TABLE 14A

## RESIDENT ABORTIONS AND RATIOS PER 1,000 LIVE BIRTHS BY COUNTY OF RESIDENCE: MISSOURI 1991

COUNTIES	NUMBER	RATIO	COUNTIES	NUMBER	RATIO	COUNTIES	NUMBER	RATIO
STATE TOTAL	17,171	218.8	GRUNDY	21	182.6	PETTIS	70	127.3
ADAIR	40	150.4	HARRISON	5	54.9	PHELPS	65	144.8
ANDREW	17	91.4	HENRY	21	86.4	PIKE	11	46.4
ATCHISON	1	12.2	HICKORY	10	158.7	PLATTE	187	205.7
AUDRAIN	32	100.6	HOLT	6	75.9	POLK	42	140.9
BARRY	36	81.6	HOWARD	20	151.5	PULASKI	105	145.4
BARTON	13	78.8	HOWELL	42	88.6	PUTNAM	1	21.3
BATES	25	142.0	IRON	9	67.2	RALLS	3	28.6
BENTON	17	161.9	JACKSON	2,852	269.1	RANDOLPH	32	92.8
BOLLINGER	10	70.9	JASPER	199	143.7	RAY	36	116.5
BOONE	562	314.3	JEFFERSON	462	166.3	REYNOLDS	8	108.1
BUCHANAN	191	154.4	JOHNSON	165	255.0	RIPLEY	12	72.7
BUTLER	69	130.2	KNOX	3	55.6	ST. CHARLES	691	184.6
CALDWELL	7	77.8	LACLEDE	43	103.9	ST. CLAIR	6	63.2
CALLAWAY	95	188.5	LAFAYETTE	32	74.8	ST. FRANCOIS	80	113.8
CAMDEN	59	177.2	LAWRENCE	34	77.1	STE. GENEVIEVE	16	70.8
CAPE GIRARDEAU	143	170.6	LEWIS	2	17.9	ST. LOUIS CITY	3,038	368.0
CARROLL	13	86.7	LINCOLN	67	138.7	ST. LOUIS COUNTY	4,404	301.2
CARTER	3	38.5	LINN	19	100.5	SALINE	51	161.9
CASS	165	171.3	LIVINGSTON	18	92.8	SCHUYLER	0	0.0
CEDAR	15	115.4	MC DONALD	17	68.5	SCOTLAND	0	0.0
CHARITON	6	69.0	MACON	25	135.9	SCOTT	58	91.1
CHRISTIAN	87	179.4	MADISON	12	76.9	SHANNON	1	9.3
CLARK	0	0.0	MARIES	8	92.0	SHELBY	8	78.4
CLAY	454	198.9	MARION	16	37.3	STODDARD	39	118.2
CLINTON	28	133.3	MERCER	3	107.1	STONE	32	127.5
COLE	171	187.3	MILLER	42	134.6	SULLIVAN	1	14.3
COOPER	30	164.8	MISSISSIPPI	18	80.4	TANEY	61	190.6
CRAWFORD	25	89.6	MONITEAU	18	125.9	TEXAS	29	105.5
DADE	5	51.5	MONROE	10	98.0	VERNON	36	138.5
DALLAS	10	51.5	MONTGOMERY	16	120.3	WARREN	45	128.9
DAVISS	5	42.7	MORGAN	24	108.6	WASHINGTON	24	80.3
DE KALB	9	94.7	NEW MADRID	31	89.6	WAYNE	21	120.0
DENT	11	69.2	NEWTON	71	111.1	WEBSTER	34	94.2
DOUGLAS	17	104.3	NODAWAY	45	215.3	WORTH	3	150.0
DUNKLIN	53	103.5	OREGON	8	62.5	WRIGHT	18	76.3
FRANKLIN	181	140.4	OSAGE	9	50.8			
GASCONADE	25	133.0	OZARK	10	142.9			
GENTRY	4	46.0	PEMISCOT	51	132.5			
GREENE	737	248.8	PERRY	17	80.6			

TABLE 14B RESIDENT ABORTIONS AND RATIOS PER 1,000 LIVE BIRTHS BY REGIONAL PLANNING COMMISSION  
OF RESIDENCE: MISSOURI 1991

REGIONAL PLANNING COMMISSIONS	NUMBER	RATIO	REGIONAL PLANNING COMMISSIONS	NUMBER	RATIO
MAJOR METRO REGIONS			BOONSLICK	128	132.6
EAST-WEST GATEWAY	8,776	286.0	KAYSINGER BASIN	130	121.3
MID-AMERICA	3,694	245.2	SHOW-ME	267	164.3
MINOR METRO REGIONS			SOUTH CENTRAL OZARK	125	86.0
SOUTHWEST MISSOURI	1,078	184.3	MERAMEC	158	108.1
MID-MISSOURI	937	225.4	LAKE OF THE OZARKS	273	136.4
MO-KAN	245	141.8	SOUTHEAST MISSOURI	287	119.1
OZARK GATEWAY	300	123.1	BOOTHEEL	250	102.7
NONMETRO REGIONS			OZARK FOOTHILLS	113	110.6
NORTHWEST MISSOURI	59	123.7	MAJOR METRO TOTAL	12,470	272.6
GREEN HILLS	80	85.0	MINOR METRO TOTAL	2,560	180.6
MISSOURI VALLEY	70	126.8	NONMETRO TOTAL	2,090	112.7
NORTHEAST MISSOURI	43	83.2	STATE TOTAL	17,171	218.8
MARK TWAIN	107	66.2			

TABLE 15 RESIDENT ABORTIONS BY AGE AND MARITAL STATUS OF WOMAN: MISSOURI 1991

MARITAL STATUS	TOTAL	AGE								45 AND OVER	UNKNOWN
		UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44		
TOTAL	17,171	179	1,379	2,365	5,843	3,754	2,255	1,107	259	22	8
NEVER MARRIED	8,790	151	927	1,740	3,630	1,483	632	197	26	2	2
CURRENTLY MARRIED	3,621	1	15	122	902	1,152	832	466	121	9	1
FORMERLY MARRIED	1,835	0	4	14	315	585	526	300	82	8	1
UNMARRIED, UNSPECIFIED	2,688	23	421	464	925	468	230	130	25	1	1
UNKNOWN	237	4	12	25	71	66	35	14	5	2	3

TABLE 16 RESIDENT ABORTIONS BY NUMBER OF LIVING CHILDREN AND NUMBER OF PREVIOUS ABORTIONS: MISSOURI 1991

NUMBER OF LIVING CHILDREN	FREQUENCY OF PATIENTS	NUMBER OF PREVIOUS ABORTIONS	FREQUENCY OF PATIENTS
TOTAL	17,171	TOTAL	17,171
0	7,857	0	10,645
1	4,523	1	4,468
2	3,076	2	1,366
3	1,165	3	416
4	341	4	143
5	118	5	51
6+	61	6+	42
UNKNOWN	30	UNKNOWN	40

TABLE 17

RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH  
25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	POPULATION	RESIDENT			RECORDED		RATE		
		LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS	NATURAL INCREASE
STATE TOTAL	5,158,000	78,468	50,711	27,757	81,076	52,362	15.2	9.8	5.4
ADAIR	25,900	266	250	16	560	388	10.3	9.7	0.6
ANDREW	14,600	186	166	20	0	97	12.7	11.4	1.4
ATCHISON	7,400	82	101	-19	129	101	11.1	13.6	-2.6
AUDRAIN	22,900	318	290	28	274	313	13.9	12.7	1.2
BARRY	28,000	441	297	144	65	202	15.8	10.6	5.1
BARTON	11,300	165	136	29	107	116	14.6	12.0	2.6
BATES	14,700	176	180	-4	14	128	12.0	12.2	-0.3
BENTON	14,500	105	219	-114	0	113	7.2	15.1	-7.9
BOLLINGER	10,500	141	121	20	5	66	13.4	11.5	1.9
BOONE	116,000	1,788	681	1,107	3,643	1,687	15.4	5.9	9.5
BUCHANAN	82,700	1,237	962	275	1,656	1,112	15.0	11.6	3.3
BUTLER	39,500	530	490	40	1,555	838	13.4	12.4	1.0
CALDWELL	8,600	90	120	-30	2	43	10.5	14.0	-3.5
CALLAWAY	33,200	504	281	223	114	162	15.2	8.5	6.7
CAMDEN	28,000	333	280	53	488	265	11.9	10.0	1.9
CAPE GIRARDEAU	62,400	838	576	262	1,589	1,150	13.4	9.2	4.2
CARROLL	10,600	150	132	18	0	89	14.2	12.5	1.7
CARTER	5,400	78	79	-1	1	35	14.4	14.6	-0.2
CASS	66,600	963	497	466	152	381	14.5	7.5	7.0
CEDAR	12,100	130	197	-67	162	136	10.7	16.3	-5.5
CHARITON	8,900	87	134	-47	0	76	9.8	15.1	-5.3
CHRISTIAN	34,900	485	239	246	3	118	13.9	6.8	7.0
CLARK	7,400	84	95	-11	2	48	11.4	12.8	-1.5
CLAY	158,000	2,283	1,096	1,187	1,863	1,238	14.4	6.9	7.5
CLINTON	16,600	210	187	23	3	206	12.7	11.3	1.4
COLE	63,700	913	520	393	1,268	787	14.3	8.2	6.2
COOPER	14,700	182	185	-3	4	146	12.4	12.6	-0.2
CRAWFORD	18,900	279	240	39	173	156	14.8	12.7	2.1
DADE	7,500	97	102	-5	45	61	12.9	13.6	-0.7
DALLAS	12,400	194	170	24	5	73	15.6	13.7	1.9
DAVIESS	7,600	117	139	-22	12	51	15.4	18.3	-2.9
DE KALB	11,500	95	119	-24	0	45	8.3	10.3	-2.1
DENT	13,400	159	183	-24	1	134	11.9	13.7	-1.8
DOUGLAS	11,600	163	148	15	1	60	14.1	12.8	1.3
DUNKLIN	32,700	512	436	76	367	302	15.7	13.3	2.3

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	POPULATION	NUMBER			RECORDED		RATE		
		RESIDENT	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	RESIDENT	NATURAL INCREASE	
		LIVE BIRTHS					DEATHS		
FRANKLIN	81,100	1,289	729	560	595	612	15.9	9.0	6.9
GASCONADE	14,500	188	182	6	75	119	13.0	12.6	0.4
GENTRY	6,800	87	120	-33	41	110	12.8	17.6	-4.9
GREENE	214,500	2,962	1,886	1,076	5,829	3,027	13.8	8.8	5.0
GRUNDY	10,400	115	172	-57	216	154	11.1	16.5	-5.5
HARRISON	8,300	91	147	-56	1	114	11.0	17.7	-6.7
HENRY	20,300	243	278	-35	363	284	12.0	13.7	-1.7
HICKORY	7,400	63	107	-44	0	51	8.5	14.5	-5.9
HOLT	6,000	79	67	12	0	28	13.2	11.2	2.0
HOWARD	9,800	132	109	23	4	78	13.5	11.1	2.3
HOWELL	32,400	474	406	68	741	512	14.6	12.5	2.1
IRON	10,500	134	184	-50	1	156	12.8	17.5	-4.8
JACKSON	634,200	10,599	6,200	4,399	14,479	7,317	16.7	9.8	6.9
JASPER	90,800	1,385	999	386	4	1,107	15.3	11.0	4.3
JEFFERSON	173,500	2,778	1,174	1,604	626	735	16.0	6.8	9.2
JOHNSON	45,700	647	278	369	578	244	14.2	6.1	8.1
KNOX	4,400	54	63	-9	5	24	12.3	14.3	-2.0
LACLEDE	27,200	414	267	147	2	197	15.2	9.8	5.4
LAFAYETTE	31,600	428	372	56	240	250	13.5	11.8	1.8
LAWRENCE	30,400	441	312	129	104	274	14.5	10.3	4.2
LEWIS	10,400	112	105	7	3	63	10.8	10.1	0.7
LINCOLN	29,800	483	247	236	116	234	16.2	8.3	7.9
LINN	13,800	189	219	-30	128	163	13.7	15.9	-2.2
LIVINGSTON	14,300	194	200	-6	424	208	13.6	14.0	-0.4
MC DONALD	17,500	248	181	67	1	74	14.2	10.3	3.8
MACON	14,900	184	241	-57	44	176	12.3	16.2	-3.8
MADISON	11,000	156	145	11	112	105	14.2	13.2	1.0
MARIES	8,000	87	90	-3	1	36	10.9	11.3	-0.4
MARION	27,600	429	346	83	497	377	15.5	12.5	3.0
MERCER	3,500	28	60	-32	0	32	8.0	17.1	-9.1
MILLER	20,600	312	212	100	36	76	15.1	10.3	4.9
MISSISSIPPI	13,900	224	187	37	0	96	16.1	13.5	2.7
MONITEAU	12,200	143	146	-3	6	67	11.7	12.0	-0.2
MONROE	9,000	102	98	4	2	42	11.3	10.9	0.4
MONTGOMERY	11,300	133	168	-35	1	86	11.8	14.9	-3.1

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	POPULATION	RESIDENT			RECORDED		RATE RESIDENT		
		LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS	NATURAL INCREASE
MORGAN	15,500	221	236	-15	8	145	14.3	15.2	-1.0
NEW MADRID	20,800	346	240	106	1	99	16.6	11.5	5.1
NEWTON	45,500	639	408	231	2,587	658	14.0	9.0	5.1
NODAWAY	22,700	209	210	-1	223	191	9.2	9.3	0.0
OREGON	9,300	128	138	-10	0	52	13.8	14.8	-1.1
OSAGE	12,000	177	129	48	2	56	14.8	10.8	4.0
OZARK	8,400	70	96	-26	4	41	8.3	11.4	-3.1
PEMISCOT	20,900	385	304	81	234	224	18.4	14.5	3.9
PERRY	16,600	211	180	31	116	136	12.7	10.8	1.9
PETTIS	35,200	550	390	160	649	426	15.6	11.1	4.5
PHELPS	36,100	449	339	110	1,073	477	12.4	9.4	3.0
PIKE	15,600	237	193	44	90	163	15.2	12.4	2.8
PLATTE	60,100	909	350	559	406	272	15.1	5.8	9.3
POLK	22,600	298	283	15	286	257	13.2	12.5	0.7
PULASKI	40,300	722	247	475	485	138	17.9	6.1	11.8
PUTNAM	5,000	47	81	-34	25	60	9.4	16.2	-6.8
RALLS	8,300	105	90	15	0	43	12.7	10.8	1.8
RANDOLPH	23,700	345	289	56	263	261	14.6	12.2	2.4
RAY	22,000	309	217	92	1	139	14.0	9.9	4.2
REYNOLDS	6,800	74	69	5	12	32	10.9	10.1	0.7
RIPLEY	11,900	165	137	28	1	56	13.9	11.5	2.4
ST. CHARLES	222,600	3,744	1,056	2,688	2,646	1,008	16.8	4.7	12.1
ST. CLAIR	8,700	95	141	-46	70	148	10.9	16.2	-5.3
ST. FRANCOIS	50,700	703	547	156	900	548	13.9	10.8	3.1
STE. GENEVIEVE	16,000	226	139	87	87	100	14.1	8.7	5.4
ST. LOUIS CITY	384,600	8,255	5,423	2,832	10,790	6,682	21.5	14.1	7.4
ST. LOUIS COUNTY	1,000,600	14,620	8,562	6,058	19,004	9,385	14.6	8.6	6.1
SALINE	23,300	315	299	16	196	250	13.5	12.8	0.7
SCHUYLER	4,300	54	54	0	1	13	12.6	12.6	0.0
SCOTLAND	4,900	59	65	-6	27	48	12.0	13.3	-1.2
SCOTT	39,100	637	419	218	602	450	16.3	10.7	5.6
SHANNON	7,500	107	67	40	2	41	14.3	8.9	5.3
SHELBY	6,900	102	122	-20	1	78	14.8	17.7	-2.9
STODDARD	29,400	330	360	-30	6	229	11.2	12.2	-1.0
STONE	19,400	251	200	51	1	99	12.9	10.3	2.6

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	POPULATION	RESIDENT			RECORDED			RATE RESIDENT		
		LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS	NATURAL INCREASE	
SULLIVAN	6,200	70	92	-22	4	54	11.3	14.8	-3.5	
TANEY	26,100	320	337	-17	206	296	12.3	12.9	-0.7	
TEXAS	21,800	275	237	38	251	165	12.6	10.9	1.7	
VERNON	18,800	260	233	27	136	183	13.8	12.4	1.4	
WARREN	19,700	349	189	160	4	80	17.7	9.6	8.1	
WASHINGTON	21,300	299	207	92	0	132	14.0	9.7	4.3	
WAYNE	11,200	175	166	9	0	67	15.6	14.8	0.8	
WEBSTER	24,100	361	222	139	41	97	15.0	9.2	5.8	
WORTH	2,400	20	22	-2	0	17	8.3	9.2	-0.8	
WRIGHT	16,800	236	181	55	97	115	14.0	10.8	3.3	
CITIES OVER 25,000 POPULATION										
BLUE SPRINGS	40,153	689	214	475	737	283	17.1	5.3	11.8	
CAPE GIRARDEAU	34,438	457	352	105	1,585	1,038	13.3	10.2	3.1	
COLUMBIA	69,101	1,148	446	702	3,640	1,586	16.6	6.5	10.2	
FLORISSANT	51,206	705	470	235	1,768	531	13.8	9.2	4.6	
GLADSTONE	26,243	298	181	117	0	92	11.4	6.9	4.5	
INDEPENDENCE	112,301	1,741	1,065	676	1,100	934	15.5	9.5	6.0	
JEFFERSON CITY	35,481	519	407	112	1,265	767	14.6	11.5	3.2	
KIRKWOOD	27,291	384	290	94	767	560	14.1	10.6	3.4	
LEES SUMMIT	46,418	798	362	436	2	352	17.2	7.8	9.4	
MARYLAND HEIGHTS	25,407	412	177	235	4	100	16.2	7.0	9.3	
RAYTOWN	30,601	365	306	59	0	116	11.9	10.0	1.9	
ST. CHARLES	54,555	1,124	391	733	1,396	494	20.6	7.2	13.4	
ST. JOSEPH	71,852	1,118	871	247	1,655	1,095	15.5	12.1	3.4	
ST. LOUIS CITY	384,600	8,255	5,423	2,832	10,790	6,682	21.5	14.1	7.4	
ST. PETERS	45,779	754	146	608	690	165	16.5	3.2	13.3	
SPRINGFIELD	140,494	2,099	1,508	591	5,821	2,908	14.9	10.7	4.2	
UNIVERSITY CITY	40,087	688	381	307	7	132	17.2	9.5	7.7	
MULTI-COUNTY CITIES										
JOPLIN	40,961	843	558	285	2,553	1,230	20.6	13.6	7.0	
JASPER CO. PART	37,032	723	501	222	0	822	19.5	13.5	6.0	
NEWTON CO. PART	3,929	120	57	63	2,553	408	30.8	14.6	16.2	
KANSAS CITY	435,146	7,768	4,437	3,331	13,041	5,762	17.9	10.2	7.7	
JACKSON CO. PART	341,179	6,155	3,860	2,295	12,634	5,458	18.0	11.3	6.7	
CLAY CO. PART	69,316	1,142	424	718	6	150	16.5	6.1	10.4	
PLATTE CO. PART	24,609	471	153	318	401	154	19.1	6.2	12.9	
CASS CO. PART	42	0	0	0	0	0	0.0	0.0	0.0	

TABLE 18 RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1991

CITIES WITH 10,000 TO 24,999 POPULATION	RESIDENT LIVE		RECORDED LIVE		CITIES WITH 10,000 TO 24,999 POPULATION	RESIDENT LIVE		RECORDED LIVE	
	BIRTHS	DEATHS	BIRTHS	DEATHS		BIRTHS	DEATHS	BIRTHS	DEATHS
ARNOLD	361	119	3	45	MARSHALL	190	125	195	153
BALLWIN	178	72	2	105	MARYVILLE	70	95	223	153
BELLEFONTAINE NGHS.	158	155	0	55	MEXICO	169	167	266	284
BELTON	370	121	3	115	MOBERLY	209	184	263	234
BERKELEY	276	111	2	26	O'FALLON	452	104	1	61
BRIDGETON	208	152	1,373	657	OVERLAND	283	164	3	54
CARTHAGE	231	143	0	184	POPLAR BLUFF	271	287	1,555	801
CLAYTON	105	97	1	93	RICHMOND HEIGHTS	136	102	3,347	667
CRESTWOOD	116	92	1	23	ROLLA	186	120	1,071	387
CREVE COEUR	98	122	6,148	865	ST. ANN	244	128	5	30
EXCELSIOR SPRINGS	179	113	1	108	SEDALIA	342	251	642	406
CLAY CO. PART	174	108	1	107	SIKESTON	337	204	602	391
RAY CO. PART	5	5	0	1	NEW MADRID CO. PART	11	3	0	2
FARMINGTON	159	177	899	377	SCOTT CO. PART	326	201	602	389
FERGUSON	407	228	4	76	WARRENSBURG	181	102	292	193
FULTON	138	137	109	117	WASHINGTON	190	94	589	337
GRANDVIEW	377	176	1	99	WEBSTER GROVES	328	259	5	86
HANNIBAL	303	224	496	290					
MARION CO. PART	300	224	496	289					
RALLS CO. PART	3	0	0	1					
HAZELWOOD	196	117	2	26					
JENNINGS	258	171	2	57					
KENNETT	190	131	367	179					
KIRKSVILLE	193	161	560	375					
LIBERTY	336	163	735	352					

TABLE 18(CONT) RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1991

CITIES WITH 2,500 TO 9,999 POPULATION	RESIDENT LIVE		RECORDED LIVE		CITIES WITH 2,500 TO 9,999 POPULATION	RESIDENT LIVE		RECORDED LIVE	
	BIRTHS	DEATHS	BIRTHS	DEATHS		BIRTHS	DEATHS	BIRTHS	DEATHS
AURORA	114	83	98	108	DES PERES	66	59	1	27
AVA	52	57	0	31	DEXTER	96	108	2	152
BEL NOR	30	13	1	5	EAST PRAIRIE	73	39	0	16
BEL RIDGE	75	30	0	5	MISSISSIPPI CO. PART	73	39	0	16
BETHANY	38	68	1	95	NEW MADRID CO. PART	0	0	0	0
BLACK JACK	68	84	0	16	ELDON	75	79	0	25
BOLIVAR	98	119	285	210	ELDORADO SPRINGS	49	84	161	84
BONNE TERRE	48	47	0	67	CEDAR CO. PART	49	84	161	84
BOONVILLE	99	95	0	50	VERNON CO. PART	0	0	0	0
BOWLING GREEN	47	47	0	37	ELLISVILLE	73	53	1	33
BRANSON	58	60	205	179	EUREKA	60	46	2	48
BRECKENRIDGE HILLS	105	47	1	10	FAYETTE	49	48	4	64
BRENTWOOD	122	74	2	18	FENTON	55	30	0	20
BROOKFIELD	86	98	125	130	JEFFERSON CO. PART	0	0	0	0
BUCKNER	48	17	1	5	ST. LOUIS CO. PART	55	30	0	20
BUTLER	47	61	14	81	FESTUS	167	107	0	53
CALIFORNIA	42	68	1	34	FLAT RIVER	82	58	0	34
CAMDENTON	52	46	0	8	FREDERICKTOWN	60	72	111	91
CAMERON	87	71	2	137	FRONTENAC	34	23	2	4
CALDWELL CO. PART	0	0	0	0	GLENDALE	89	49	1	13
CLINTON CO. PART	67	52	2	119	HARRISONVILLE	133	111	149	158
DE KALB CO. PART	20	19	0	18	HAYTI	105	63	234	148
CANTON	34	18	0	4	HERMANN	37	51	73	49
CARL JUNCTION	77	19	0	6	HIGGINSVILLE	62	76	0	33
CARROLLTON	60	76	0	77	HOLLISTER	40	21	0	7
CARUTHERSVILLE	138	111	0	38	JACKSON	140	100	1	75
CENTRALIA	60	47	0	19	KINLOCH	90	31	1	5
AUDRAIN CO. PART	0	0	0	0	LADUE	65	85	0	26
BOONE CO. PART	60	47	0	19	LAKE ST. LOUIS	97	34	349	122
CHAFFEE	40	58	0	28	LAMAR	80	62	106	97
CHARLESTON	79	72	0	59	LEBANON	192	151	1	167
CHILLICOTHE	116	151	423	185	LEXINGTON	68	77	240	116
CLARKSON VALLEY	7	5	0	0	LOUISIANA	66	70	78	105
CLINTON	113	143	361	234	MACON	64	125	42	143
COTTLEVILLE	0	1	0	0	MALDEN	87	83	0	49
CRYSTAL CITY	63	37	612	268	MANCHESTER	94	32	2	59
CUBA	49	39	0	22	MAPLEWOOD	190	75	2	17
DELLWOOD	79	54	0	17	MARCELINE	37	50	2	16
DESLOGE	69	62	0	14	MARSHFIELD	75	59	0	27
DESOTO	112	76	0	23	MOLINE ACRES	53	29	0	7

TABLE 18(CONT) RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1991

	RESIDENT		RECORDED			RESIDENT		RECORDED	
	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS		LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS
CITIES WITH 2,500 TO 9,999 POPULATION					CITIES WITH 2,500 TO 9,999 POPULATION				
MONETT	114	83	64	86	RICHMOND	109	89	1	107
BARRY CO. PART	91	62	64	83	RIVERSIDE	48	37	1	62
LAWRENCE CO. PART	23	21	0	3	RIVERVIEW	75	39	0	5
MONROE CITY	28	34	0	17	ROCK HILL	65	38	0	8
MARION CO. PART	7	11	0	13	ST. CLAIR	87	59	0	24
MONROE CO. PART	21	23	0	4	ST. JAMES	39	68	0	37
MOUNTAIN GROVE	65	70	0	38	ST. JOHN	114	62	2	9
MOUNT VERNON	56	58	2	109	STE. GENEVIEVE	76	69	85	81
NEOSHO	227	107	30	179	SALEM	67	79	0	41
NEVADA	124	146	135	161	SAVANNAH	66	76	0	48
NEW MADRID	55	33	0	8	SCOTT CITY	75	40	0	9
NIXA	104	55	0	20	CAPE GIRARDEAU CO. PART	0	0	0	0
NORMANDY	85	77	9	251	SCOTT CO. PART	75	40	0	9
NORTH KANSAS CITY	49	71	1,001	395	SHREWSBURY	88	96	0	77
NORTHWOODS	73	63	1	4	SMITHVILLE	38	32	120	95
OAK GROVE	92	43	2	21	SUGAR CREEK	65	35	0	10
ODESSA	66	45	0	20	SULLIVAN	86	92	172	146
OLIVETTE	72	60	0	9	CRAWFORD CO. PART	18	13	172	81
OSAGE BEACH	32	18	488	178	FRANKLIN CO. PART	68	79	0	65
OZARK	74	45	0	49	SUNSET HILLS	40	96	0	62
PACIFIC	104	69	1	40	TOWN AND COUNTRY	40	79	680	354
FRANKLIN CO. PART	101	65	1	39	TRENTON	75	124	216	135
ST. LOUIS CO. PART	3	4	0	1	TROY	99	59	115	160
PAGEDALE	94	49	1	11	UNION	123	82	0	43
PALMYRA	45	68	0	60	VALLEY PARK	47	44	0	68
PERRYVILLE	86	114	114	115	VANDALIA	37	55	0	8
PEVELY	50	16	0	7	WARRENTON	95	54	0	46
PINE LAWN	125	42	0	10	WAYNESVILLE	104	28	0	6
PLATTE CITY	54	31	0	23	WEBB CITY	100	74	0	26
PLEASANT HILL	70	32	0	17	WELLSTON	114	42	2	9
PLEASANT VALLEY	40	23	0	24	WENTZVILLE	76	52	207	91
PORTAGEVILLE	78	28	0	3	WEST PLAINS	160	156	738	366
POTOSI	37	49	0	32	WINDSOR	36	50	1	26
RAYMORE	88	81	0	47	WOODSON TERRACE	56	35	2	6
REPUBLIC	108	48	1	19					

TABLE 19

TWELVE LEADING CAUSES OF DEATH BY RACE WITH PERCENTAGES  
AND WITH RATES PER 100,000 FOR ALL RACES, RESIDENT DATA: MISSOURI 1991

RANK (ALL RACES)	NUMBER	CRUDE RATE	AGE-ADJ RATE*	PERCENT OF TOTAL
1. DISEASES OF HEART	17,730	343.7	151.7	35.0
2. MALIGNANT NEOPLASMS	11,826	229.3	137.8	23.3
3. CEREBROVASCULAR DISEASE	3,461	67.1	26.0	6.8
4. CHRONIC PULMONARY DISEASE	2,130	41.3	21.0	4.2
5. ACCIDENTAL DEATHS	2,073	40.2	34.7	4.1
6. PNEUMONIA & INFLUENZA	1,898	36.8	12.5	3.7
7. DIABETES MELLITUS	1,106	21.4	11.4	2.2
8. SUICIDE	719	13.9	13.0	1.4
9. HOMICIDE & LEGAL INTERV	567	11.0	11.7	1.1
10. NEPHRITIS & NEPHROSIS	538	10.4	4.2	1.1
11. LIVER DISEASE & CIRRHOSIS	420	8.1	6.2	0.8
12. ATHEROSCLEROSIS	395	7.7	2.2	0.8
ALL OTHER CAUSES	7,848	152.2	83.9	15.5
TOTAL (ALL CAUSES)	50,711	983.2	516.0	100.0

RANK (WHITE)	NUMBER	PERCENT OF TOTAL	RANK (BLACK)	NUMBER	PERCENT OF TOTAL
1. DISEASES OF HEART	16,113	35.8	1. DISEASES OF HEART	1,570	28.6
2. MALIGNANT NEOPLASMS	10,547	23.4	2. MALIGNANT NEOPLASMS	1,230	22.4
3. CEREBROVASCULAR DISEASE	3,134	7.0	3. HOMICIDE & LEGAL INTERV	364	6.6
4. CHRONIC PULMONARY DISEASE	1,992	4.4	4. CEREBROVASCULAR DISEASE	316	5.8
5. ACCIDENTAL DEATHS	1,824	4.0	5. ACCIDENTAL DEATHS	233	4.2
6. PNEUMONIA & INFLUENZA	1,760	3.9	6. DIABETES MELLITUS	167	3.0
7. DIABETES MELLITUS	936	2.1	7. DISEASES OF EARLY INFANCY	163	3.0
8. SUICIDE	675	1.5	8. CHRONIC PULMONARY DISEASE	134	2.4
9. NEPHRITIS & NEPHROSIS	455	1.0	9. PNEUMONIA & INFLUENZA	131	2.4
10. ATHEROSCLEROSIS	371	0.8	10. NEPHRITIS & NEPHROSIS	83	1.5
11. LIVER DISEASE & CIRRHOSIS	368	0.8	11. AIDS	75	1.4
12. AIDS	267	0.6	12. LIVER DISEASE & CIRRHOSIS	48	0.9
ALL OTHER CAUSES	6,596	14.6	ALL OTHER CAUSES	973	17.7
TOTAL (ALL CAUSES)	45,038	100.0	TOTAL (ALL CAUSES)	5,487	100.0

\* 1940 UNITED STATES POPULATION USED AS THE STANDARD BEGINNING IN 1991 INSTEAD OF MISSOURI 1970 POPULATION, WHICH WAS USED IN 1972 TO 1990 ANNUALS. THEREFORE AGE-ADJUSTED DEATH RATES CANNOT BE COMPARED TO PREVIOUS ANNUAL REPORTS.

TABLE 20

**FIVE LEADING CAUSES OF DEATH FOR SELECTED AGE GROUPS  
WITH PERCENTAGES, RESIDENT DATA: MISSOURI 1991**

CAUSES BY AGE GROUPS	NUMBER	PERCENT OF TOTAL	CAUSES BY AGE GROUPS	NUMBER	PERCENT OF TOTAL
<b>UNDER 1 YEAR</b>			<b>45-54 YEARS</b>		
1. DISEASES OF EARLY INFANCY	339	42.5	1. MALIGNANT NEOPLASMS	891	35.5
2. CONGENITAL ANOMALIES	163	20.4	2. DISEASES OF HEART	667	26.6
3. ACCIDENTAL DEATHS	25	3.1	3. ACCIDENTAL DEATHS	160	6.4
4. DISEASES OF HEART	15	1.9	4. CEREBROVASCULAR DISEASE	98	3.9
5. HOMICIDE & LEGAL INTERV.	8	1.0	5. SUICIDE	91	3.6
TOTAL (ALL CAUSES)	798	100.0	TOTAL (ALL CAUSES)	2,511	100.0
<b>1-4 YEARS</b>			<b>55-64 YEARS</b>		
1. ACCIDENTAL DEATHS	47	34.1	1. MALIGNANT NEOPLASMS	2,161	39.1
2. CONGENITAL ANOMALIES	21	15.2	2. DISEASES OF HEART	1,687	30.5
3. HOMICIDE & LEGAL INTERV.	10	7.2	3. CHRONIC PULMONARY DISEASE	262	4.7
4. MALIGNANT NEOPLASMS	9	6.5	4. CEREBROVASCULAR DISEASE	214	3.9
5. DISEASES OF HEART	6	4.3	5. DIABETES MELLITUS	148	2.7
TOTAL (ALL CAUSES)	138	100.0	TOTAL (ALL CAUSES)	5,525	100.0
<b>5-14 YEARS</b>			<b>65-74 YEARS</b>		
1. ACCIDENTAL DEATHS	76	40.0	1. DISEASES OF HEART	3,638	34.2
2. MALIGNANT NEOPLASMS	25	13.2	2. MALIGNANT NEOPLASMS	3,597	33.8
3. HOMICIDE & LEGAL INTERV.	21	11.1	3. CHRONIC PULMONARY DISEASE	672	6.3
4. DISEASES OF HEART	7	3.7	4. CEREBROVASCULAR DISEASE	522	4.9
5. CHRONIC PULMONARY DISEASE	6	3.2	5. DIABETES MELLITUS	298	2.8
TOTAL (ALL CAUSES)	190	100.0	TOTAL (ALL CAUSES)	10,651	100.0
<b>15-24 YEARS</b>			<b>75-84 YEARS</b>		
1. ACCIDENTAL DEATHS	386	48.1	1. DISEASES OF HEART	5,683	38.6
2. HOMICIDE & LEGAL INTERV.	178	22.2	2. MALIGNANT NEOPLASMS	3,249	22.1
3. SUICIDE	102	12.7	3. CEREBROVASCULAR DISEASE	1,244	8.5
4. MALIGNANT NEOPLASMS	34	4.2	4. CHRONIC PULMONARY DISEASE	786	5.3
5. DISEASES OF HEART	18	2.2	5. PNEUMONIA & INFLUENZA	559	3.8
TOTAL (ALL CAUSES)	803	100.0	TOTAL (ALL CAUSES)	14,708	100.0
<b>25-34 YEARS</b>			<b>85-YEARS &amp; OVER</b>		
1. ACCIDENTAL DEATHS	334	28.5	1. DISEASES OF HEART	5,697	45.1
2. HOMICIDE & LEGAL INTERV.	169	14.4	2. MALIGNANT NEOPLASMS	1,424	11.3
3. SUICIDE	157	13.4	3. CEREBROVASCULAR DISEASE	1,314	10.4
4. AIDS	123	10.5	4. PNEUMONIA & INFLUENZA	968	7.7
5. MALIGNANT NEOPLASMS	107	9.1	5. CHRONIC PULMONARY DISEASE	315	2.5
TOTAL (ALL CAUSES)	1,171	100.0	TOTAL (ALL CAUSES)	12,628	100.0
<b>35-44 YEARS</b>					
1. MALIGNANT NEOPLASMS	327	20.6			
2. ACCIDENTAL DEATHS	248	15.6			
3. DISEASES OF HEART	243	15.3			
4. SUICIDE	141	8.9			
5. AIDS	138	8.7			
TOTAL (ALL CAUSES)	1,585	100.0			

TABLE 21

RESIDENT DEATHS, AGE GROUPS BY RACE BY SEX  
WITH AGE-SPECIFIC RATES PER 1,000 BY SEX: MISSOURI 1991

AGE AT DEATH	TOTAL	ALL RACES					WHITE			BLACK		
		NUMBER MALE	FEMALE	AGE-SPECIFIC RATE			TOTAL	NUMBER MALE	FEMALE	TOTAL	NUMBER MALE	FEMALE
ALL AGES	50,711	25,672	25,039	9.8	10.3	9.4	45,038	22,649	22,389	5,487	2,934	2,553
UNDER 1 YEAR	798	480	318	10.2	12.0	8.2	498	315	183	290	158	132
1-4 YEARS	138	76	62	0.5	0.5	0.4	102	56	46	35	20	15
5-9 YEARS	83	41	42	0.2	0.2	0.2	61	29	32	21	11	10
10-14 YEARS	107	74	33	0.3	0.4	0.2	79	53	26	26	19	7
15-19 YEARS	384	290	94	1.1	1.6	0.5	291	210	81	89	76	13
20-24 YEARS	419	320	99	1.1	1.8	0.5	298	224	74	121	96	25
25-29 YEARS	517	403	114	1.3	2.0	0.6	388	295	93	123	103	20
30-34 YEARS	654	475	179	1.5	2.2	0.8	501	370	131	144	99	45
35-39 YEARS	746	515	231	1.9	2.6	1.1	551	386	165	188	124	64
40-44 YEARS	839	535	304	2.3	3.0	1.6	658	426	232	175	107	68
45-49 YEARS	1,079	676	403	3.8	4.9	2.8	863	542	321	211	134	77
50-54 YEARS	1,432	887	545	5.9	7.5	4.3	1,184	740	444	238	143	95
55-59 YEARS	2,192	1,349	843	9.8	12.6	7.2	1,845	1,140	705	335	204	131
60-64 YEARS	3,333	2,030	1,303	14.7	19.1	10.8	2,905	1,799	1,106	411	221	190
65-69 YEARS	4,769	2,870	1,899	21.9	29.3	15.9	4,192	2,547	1,645	560	310	250
70-74 YEARS	5,882	3,392	2,490	32.7	44.7	23.9	5,287	3,089	2,198	581	297	284
75-79 YEARS	7,005	3,689	3,316	48.4	65.4	37.6	6,422	3,408	3,014	564	273	291
80-84 YEARS	7,703	3,561	4,142	76.4	105.4	61.8	7,113	3,294	3,819	568	258	310
85 AND OVER	12,628	4,008	8,620	152.0	181.4	141.3	11,798	3,725	8,073	807	281	526
UNKNOWN AGE	3	1	2				2	1	1	0	0	0

TABLE 22A

## RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1991

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	50,711	798	138	83	107	384	419	517	654	746	839
CAUSES OF DEATH											
TUBERCULOSIS	22	0	0	0	0	0	0	0	1	0	1
AIDS	346	3	2	1	1	2	8	46	77	91	47
SYPHILIS	3	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	586	13	4	3	0	1	2	2	5	8	14
MALIGNANT NEOPLASMS	11,826	2	9	13	12	15	19	31	76	137	190
DIGESTIVE ORGANS	2,628	0	1	0	1	0	1	3	8	20	35
RESPIRATORY ORGANS	3,633	0	0	0	0	0	2	1	4	18	50
BREAST	995	0	0	0	0	0	0	3	17	23	29
GENITAL ORGANS	1,252	0	0	0	0	0	4	2	5	10	14
URINARY ORGANS	453	0	0	0	0	0	1	3	1	2	5
LEUKEMIA	459	1	4	6	1	4	4	4	5	17	6
OTHER MALIG. NEOPL.	2,406	1	4	7	10	11	7	15	36	47	51
DIABETES MELLITUS	1,106	0	1	0	1	0	4	5	15	6	19
MAJOR CARDIOVASC. DISEASE	22,371	18	7	5	4	10	9	31	58	106	196
DISEASES OF HEART	17,730	15	6	4	3	9	9	22	45	84	159
RHEUMATIC FEVER &											
RHEUM. HEART DISEASE	101	0	0	0	0	0	0	0	0	1	4
HYPERTENSIVE HEART	491	0	0	0	0	0	0	1	3	6	17
ISCHEMIC HEART	12,669	0	0	2	0	4	2	9	16	41	92
OTHER HEART DISEASE	4,469	15	6	2	3	5	7	12	26	36	46
HYPERTENSION	193	0	0	0	0	0	0	1	1	0	1
CEREBROVASCULAR DISEASE	3,461	1	1	1	1	1	0	4	11	18	31
ATHEROSCLEROSIS	395	0	0	0	0	0	0	0	0	0	0
OTHER MAJOR CARDIOVASC.	592	2	0	0	0	0	0	4	1	4	5
PNEUMONIA & INFLUENZA	1,898	5	5	1	2	5	1	4	5	10	12
CHRONIC PULMONARY DISEASE	2,130	1	0	1	5	4	0	2	4	6	11
ULCER OF STOMACH	129	0	0	0	0	0	0	0	1	2	2
LIVER DISEASE & CIRRHOSIS	420	0	0	0	0	0	0	2	11	14	27
NEPHRITIS & NEPHROSIS	538	2	0	0	0	0	0	3	3	4	5
COMPLICATIONS OF PREG.,											
CHILDBIRTH & PUERPERIUM	3	0	0	0	0	0	1	2	0	0	0
CONGENITAL ANOMALIES	247	163	21	4	2	8	3	2	4	3	4
DISEASES OF EARLY INFANCY	339	339	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	394	170	2	0	1	0	5	4	11	9	8
ALL OTHER DISEASES	4,927	48	28	13	20	18	15	39	52	70	96
ACCIDENTAL DEATHS	2,073	25	47	36	40	196	190	172	162	140	108
MOTOR VEHICLE	1,030	5	16	15	21	156	153	109	101	75	69
OTHER ACC. DEATHS	1,043	20	31	21	19	40	37	63	61	65	39
SUICIDE	719	0	0	0	1	48	54	79	78	80	61
HOMICIDE & LEGAL INTERV	567	8	10	6	15	73	105	87	82	51	30
ALL OTHER EXTERNAL CAUSES	67	1	2	0	3	4	3	6	9	9	8

TABLE 22A (CONT)

RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1991

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	1,079	1,432	2,192	3,333	4,769	5,882	7,005	7,703	12,628	3
CAUSES OF DEATH										
TUBERCULOSIS	1	1	1	1	0	2	3	7	4	0
AIDS	27	13	14	7	3	1	2	1	0	0
SYPHILIS	0	0	0	1	0	0	1	0	1	0
RESIDUAL OF INFECT. DIS.	13	25	28	47	49	55	64	89	164	0
MALIGNANT NEOPLASMS	329	562	877	1,284	1,785	1,812	1,737	1,512	1,424	0
DIGESTIVE ORGANS	47	119	170	253	350	386	423	393	418	0
RESPIRATORY ORGANS	95	177	332	483	689	652	545	356	229	0
BREAST	57	71	89	110	125	116	129	107	119	0
GENITAL ORGANS	29	40	62	89	170	179	190	231	227	0
URINARY ORGANS	6	21	24	37	66	75	67	70	75	0
LEUKEMIA	11	13	24	43	47	58	76	62	73	0
OTHER MALIG. NEOPL.	84	121	176	269	338	346	307	293	283	0
DIABETES MELLITUS	22	30	55	93	146	152	172	180	205	0
MAJOR CARDIOVASC. DISEASE	336	458	743	1,236	1,831	2,558	3,381	3,951	7,431	2
DISEASES OF HEART	280	387	643	1,044	1,535	2,103	2,689	2,994	5,697	2
RHEUMATIC FEVER &										
RHEUM. HEART DISEASE	1	7	8	9	9	17	15	17	13	0
HYPERTENSIVE HEART	13	17	15	25	36	60	60	97	140	1
ISCHEMIC HEART	206	282	474	759	1,156	1,529	1,998	2,143	3,955	1
OTHER HEART DISEASE	60	81	146	251	334	497	616	737	1,589	0
HYPERTENSION	0	5	15	12	17	13	38	39	51	0
CEREBROVASCULAR DISEASE	47	51	73	141	201	321	509	735	1,314	0
ATHEROSCLEROSIS	3	3	1	8	8	20	50	72	230	0
OTHER MAJOR CARDIOVASC.	6	12	11	31	70	101	95	111	139	0
PNEUMONIA & INFLUENZA	13	14	30	56	79	129	218	341	968	0
CHRONIC PULMONARY DISEASE	22	39	88	174	282	390	432	354	315	0
ULCER OF STOMACH	2	2	8	5	10	11	19	17	50	0
LIVER DISEASE & CIRRHOSIS	30	32	54	44	72	47	47	26	14	0
NEPHRITIS & NEPHROSIS	4	7	13	20	38	54	72	130	183	0
COMPLICATIONS OF PREG.,										
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	4	1	2	3	2	4	4	7	6	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	5	11	14	8	19	20	20	34	53	0
ALL OTHER DISEASES	95	116	147	238	326	498	664	862	1,582	0
ACCIDENTAL DEATHS	94	66	65	64	80	105	123	154	206	0
MOTOR VEHICLE	42	35	30	28	36	35	45	36	23	0
OTHER ACC. DEATHS	52	31	35	36	44	70	78	118	183	0
SUICIDE	49	42	40	35	34	38	37	29	14	0
HOMICIDE & LEGAL INTERV	32	8	11	15	10	6	6	8	4	0
ALL OTHER EXTERNAL CAUSES	1	5	2	2	3	0	3	1	4	1

TABLE 22B

## MALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1991

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	25,672	480	76	41	74	290	320	403	475	515	535
CAUSES OF DEATH											
TUBERCULOSIS	11	0	0	0	0	0	0	0	0	0	1
AIDS	327	1	1	1	1	2	8	44	72	88	45
SYPHILIS	3	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	249	9	2	2	0	0	1	1	1	3	10
MALIGNANT NEOPLASMS	6,263	2	4	6	7	9	12	14	40	62	77
DIGESTIVE ORGANS	1,379	0	1	0	0	0	1	1	6	15	16
RESPIRATORY ORGANS	2,384	0	0	0	0	0	1	0	2	7	28
BREAST	10	0	0	0	0	0	0	0	0	2	0
GENITAL ORGANS	697	0	0	0	0	0	1	0	1	1	0
URINARY ORGANS	277	0	0	0	0	0	1	2	1	1	4
LEUKEMIA	227	1	1	2	1	2	3	2	3	8	3
OTHER MALIG. NEOPL.	1,289	1	2	4	6	7	5	9	27	28	26
DIABETES MELLITUS	463	0	1	0	0	0	3	3	7	4	7
MAJOR CARDIOVASC. DISEASE	10,529	10	1	1	4	7	5	19	32	63	131
DISEASES OF HEART	8,591	9	1	1	3	7	5	14	26	58	110
RHEUMATIC FEVER & RHEUM. HEART DISEASE	39	0	0	0	0	0	0	0	0	0	2
HYPERTENSIVE HEART	203	0	0	0	0	0	0	1	2	3	7
ISCHEMIC HEART	6,292	0	0	0	0	3	1	7	9	31	73
OTHER HEART DISEASE	2,057	9	1	1	3	4	4	6	15	24	28
HYPERTENSION	84	0	0	0	0	0	0	1	0	0	1
CEREBROVASCULAR DISEASE	1,375	0	0	0	1	0	0	2	5	3	16
ATHEROSCLEROSIS	140	0	0	0	0	0	0	0	0	0	0
OTHER MAJOR CARDIOVASC.	339	1	0	0	0	0	0	2	1	2	4
PNEUMONIA & INFLUENZA	860	3	3	0	1	2	1	2	2	8	8
CHRONIC PULMONARY DISEASE	1,213	0	0	1	4	3	0	1	2	3	7
ULCER OF STOMACH	67	0	0	0	0	0	0	0	1	2	2
LIVER DISEASE & CIRRHOSIS	257	0	0	0	0	0	0	2	8	9	22
NEPHRITIS & NEPHROSIS	271	2	0	0	0	0	0	3	2	2	4
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	136	98	14	2	1	5	1	1	2	1	1
DISEASES OF EARLY INFANCY	191	191	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	234	113	1	0	0	0	5	3	7	7	8
ALL OTHER DISEASES	2,116	33	13	4	10	10	4	27	34	40	55
ACCIDENTAL DEATHS	1,391	12	29	20	34	146	146	135	121	110	78
MOTOR VEHICLE	718	3	8	9	16	111	116	88	74	53	48
OTHER ACC. DEATHS	673	9	21	11	18	35	30	47	47	57	30
SUICIDE	589	0	0	0	1	39	47	69	67	64	48
HOMICIDE & LEGAL INTERV	448	5	5	4	9	63	84	73	68	43	23
ALL OTHER EXTERNAL CAUSES	54	1	2	0	2	4	3	6	9	6	8

TABLE 22B (CONT)

MALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1991

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	676	887	1,349	2,030	2,870	3,392	3,689	3,561	4,008	1
CAUSES OF DEATH										
TUBERCULOSIS	0	0	1	0	0	1	2	4	2	0
AIDS	26	11	14	6	3	1	2	1	0	0
SYPHILIS	0	0	0	1	0	0	1	0	1	0
RESIDUAL OF INFECT. DIS.	6	16	11	24	26	31	32	33	41	0
MALIGNANT NEOPLASMS	153	299	489	725	1,045	1,050	933	763	573	0
DIGESTIVE ORGANS	33	67	102	158	213	234	226	171	135	0
RESPIRATORY ORGANS	60	115	221	329	472	446	351	224	128	0
BREAST	1	0	0	0	2	0	1	2	2	0
GENITAL ORGANS	3	9	16	36	82	104	130	166	148	0
URINARY ORGANS	3	16	13	27	46	50	36	42	35	0
LEUKEMIA	4	9	19	23	27	32	31	29	27	0
OTHER MALIG. NEOPL.	49	83	118	152	203	184	158	129	98	0
DIABETES MELLITUS	12	14	29	31	73	69	73	75	62	0
MAJOR CARDIOVASC. DISEASE	237	334	498	848	1,164	1,498	1,802	1,713	2,161	1
DISEASES OF HEART	209	289	443	724	981	1,251	1,462	1,310	1,687	1
RHEUMATIC FEVER &										
RHEUM. HEART DISEASE	1	4	4	5	6	8	4	3	2	0
HYPERTENSIVE HEART	7	13	9	13	22	33	26	33	33	1
ISCHEMIC HEART	161	216	341	536	761	909	1,105	958	1,181	0
OTHER HEART DISEASE	40	56	89	170	192	301	327	316	471	0
HYPERTENSION	0	4	10	6	8	7	16	16	15	0
CEREBROVASCULAR DISEASE	22	31	36	85	126	173	236	297	342	0
ATHEROSCLEROSIS	3	1	1	8	5	12	22	30	58	0
OTHER MAJOR CARDIOVASC.	3	9	8	25	44	55	66	60	59	0
PNEUMONIA & INFLUENZA	10	5	21	31	49	84	112	175	343	0
CHRONIC PULMONARY DISEASE	12	16	46	99	163	221	250	213	172	0
ULCER OF STOMACH	1	2	6	5	6	8	11	11	12	0
LIVER DISEASE & CIRRHOSIS	20	22	39	27	43	18	27	15	5	0
NEPHRITIS & NEPHROSIS	4	5	7	11	22	35	35	71	68	0
COMPLICATIONS OF PREG.,										
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	3	1	0	0	0	2	0	2	2	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	4	5	8	3	15	11	8	16	20	0
ALL OTHER DISEASES	57	67	84	130	171	260	303	353	461	0
ACCIDENTAL DEATHS	72	48	53	47	53	69	63	85	70	0
MOTOR VEHICLE	31	20	24	19	24	21	18	23	12	0
OTHER ACC. DEATHS	41	28	29	28	29	48	45	62	58	0
SUICIDE	34	32	31	29	28	32	30	26	12	0
HOMICIDE & LEGAL INTERV	24	6	10	13	7	2	3	5	1	0
ALL OTHER EXTERNAL CAUSES	1	4	2	0	2	0	2	0	2	0

TABLE 22C

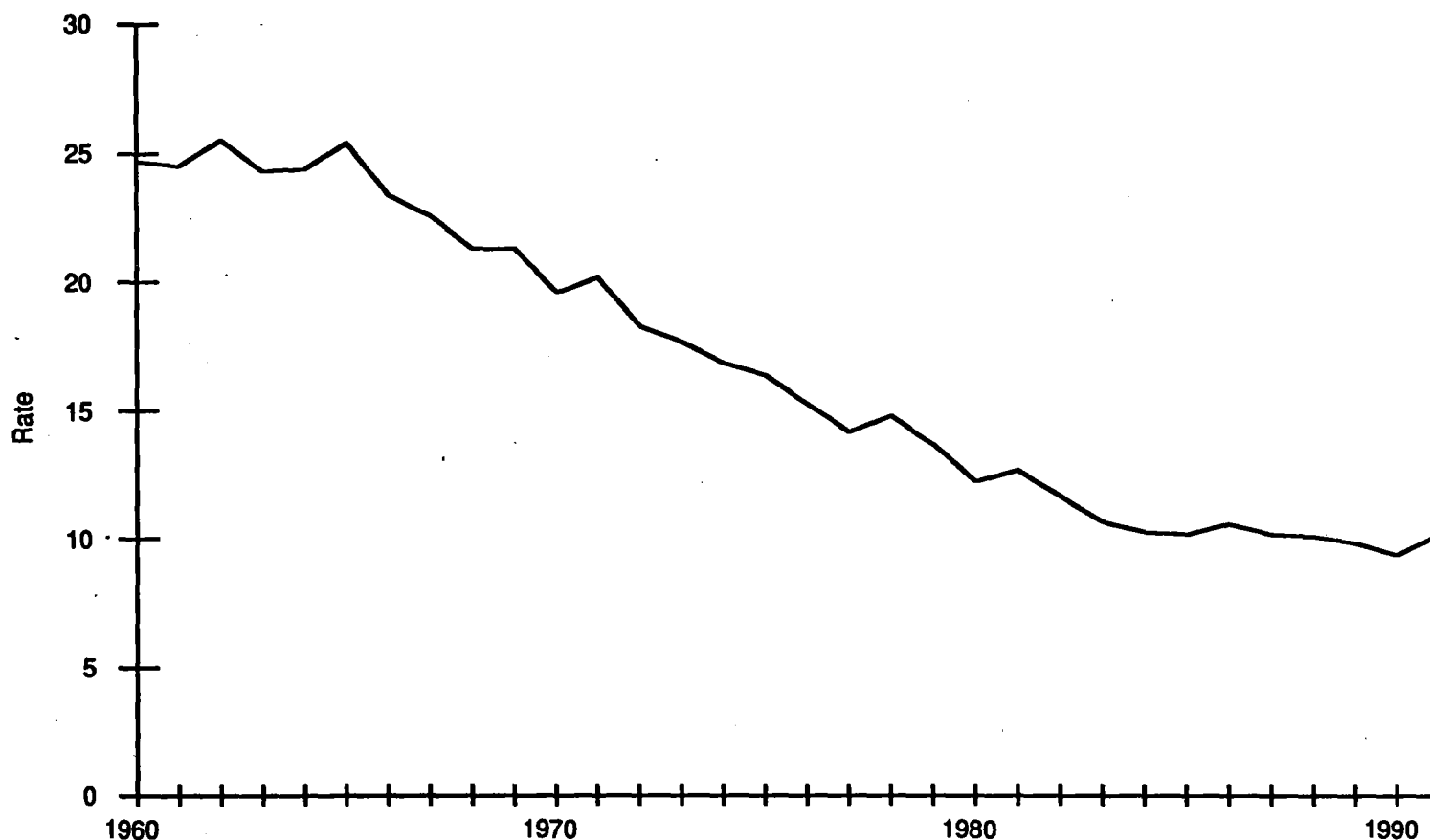
## FEMALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1991

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	25,039	318	62	42	33	94	99	114	179	231	304
CAUSES OF DEATH											
TUBERCULOSIS	11	0	0	0	0	0	0	0	1	0	0
AIDS	19	2	1	0	0	0	0	2	5	3	2
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	337	4	2	1	0	1	1	1	4	5	4
MALIGNANT NEOPLASMS	5,563	0	5	7	5	6	7	17	36	75	113
DIGESTIVE ORGANS	1,249	0	0	0	1	0	0	2	2	5	19
RESPIRATORY ORGANS	1,249	0	0	0	0	0	1	1	2	11	22
BREAST	985	0	0	0	0	0	0	3	17	21	29
GENITAL ORGANS	555	0	0	0	0	0	3	2	4	9	14
URINARY ORGANS	176	0	0	0	0	0	0	1	0	1	1
LEUKEMIA	232	0	3	4	0	2	1	2	2	9	3
OTHER MALIG. NEOPL.	1,117	0	2	3	4	4	2	6	9	19	25
DIABETES MELLITUS	643	0	0	0	1	0	1	2	8	2	12
MAJOR CARDIOVASC. DISEASE	11,842	8	6	4	0	3	4	12	26	43	65
DISEASES OF HEART	9,139	6	5	3	0	2	4	8	19	26	49
RHEUMATIC FEVER & RHEUM. HEART DISEASE	62	0	0	0	0	0	0	0	0	1	2
HYPERTENSIVE HEART	288	0	0	0	0	0	0	0	1	3	10
ISCHEMIC HEART	6,377	0	0	2	0	1	1	2	7	10	19
OTHER HEART DISEASE	2,412	6	5	1	0	1	3	6	11	12	18
HYPERTENSION	109	0	0	0	0	0	0	0	1	0	0
CEREBROVASCULAR DISEASE	2,086	1	1	1	0	1	0	2	6	15	15
ATHEROSCLEROSIS	255	0	0	0	0	0	0	0	0	0	0
OTHER MAJOR CARDIOVASC.	253	1	0	0	0	0	0	2	0	2	1
PNEUMONIA & INFLUENZA	1,038	2	2	1	1	3	0	2	3	2	4
CHRONIC PULMONARY DISEASE	917	1	0	0	1	1	0	1	2	3	4
ULCER OF STOMACH	62	0	0	0	0	0	0	0	0	0	0
LIVER DISEASE & CIRRHOSIS	163	0	0	0	0	0	0	0	3	5	5
NEPHRITIS & NEPHROSIS	267	0	0	0	0	0	0	0	1	2	1
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	3	0	0	0	0	0	1	2	0	0	0
CONGENITAL ANOMALIES	111	65	7	2	1	3	2	1	2	2	3
DISEASES OF EARLY INFANCY	148	148	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	160	57	1	0	1	0	0	1	4	2	0
ALL OTHER DISEASES	2,811	15	15	9	10	8	11	12	18	30	41
ACCIDENTAL DEATHS	682	13	18	16	6	50	44	37	41	30	30
MOTOR VEHICLE	312	2	8	6	5	45	37	21	27	22	21
OTHER ACC. DEATHS	370	11	10	10	1	5	7	16	14	8	9
SUICIDE	130	0	0	0	0	9	7	10	11	16	13
HOMICIDE & LEGAL INTERV	119	3	5	2	6	10	21	14	14	8	7
ALL OTHER EXTERNAL CAUSES	13	0	0	0	1	0	0	0	0	3	0

TABLE 22C (CONT) FEMALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1991

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	403	545	843	1,303	1,899	2,490	3,316	4,142	8,620	2
CAUSES OF DEATH										
TUBERCULOSIS	1	1	0	1	0	1	1	3	2	0
AIDS	1	2	0	1	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	7	9	17	23	23	24	32	56	123	0
MALIGNANT NEOPLASMS	176	263	388	559	740	762	804	749	851	0
DIGESTIVE ORGANS	14	52	68	95	137	152	197	222	283	0
RESPIRATORY ORGANS	35	62	111	154	217	206	194	132	101	0
BREAST	56	71	89	110	123	116	128	105	117	0
GENITAL ORGANS	26	31	46	53	88	75	60	65	79	0
URINARY ORGANS	3	5	11	10	20	25	31	28	40	0
LEUKEMIA	7	4	5	20	20	26	45	33	46	0
OTHER MALIG. NEOPL.	35	38	58	117	135	162	149	164	185	0
DIABETES MELLITUS	10	16	26	62	73	83	99	105	143	0
MAJOR CARDIOVASC. DISEASE	99	124	245	388	667	1,060	1,579	2,238	5,270	1
DISEASES OF HEART	71	98	200	320	554	852	1,227	1,684	4,010	1
RHEUMATIC FEVER &										
RHEUM. HEART DISEASE	0	3	4	4	3	9	11	14	11	0
HYPERTENSIVE HEART	6	4	6	12	14	27	34	64	107	0
ISCHEMIC HEART	45	66	133	223	395	620	893	1,185	2,774	1
OTHER HEART DISEASE	20	25	57	81	142	196	289	421	1,118	0
HYPERTENSION	0	1	5	6	9	6	22	23	36	0
CEREBROVASCULAR DISEASE	25	20	37	56	75	148	273	438	972	0
ATHEROSCLEROSIS	0	2	0	0	3	8	28	42	172	0
OTHER MAJOR CARDIOVASC.	3	3	3	6	26	46	29	51	80	0
PNEUMONIA & INFLUENZA	3	9	9	25	30	45	106	166	625	0
CHRONIC PULMONARY DISEASE	10	23	42	75	119	169	182	141	143	0
ULCER OF STOMACH	1	0	2	0	4	3	8	6	38	0
LIVER DISEASE & CIRRHOSIS	10	10	15	17	29	29	20	11	9	0
NEPHRITIS & NEPHROSIS	0	2	6	9	16	19	37	59	115	0
COMPLICATIONS OF PREG.,										
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	0	2	3	2	2	4	5	4	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	1	6	6	5	4	9	12	18	33	0
ALL OTHER DISEASES	38	49	63	108	155	238	361	509	1,121	0
ACCIDENTAL DEATHS	22	18	12	17	27	36	60	69	136	0
MOTOR VEHICLE	11	15	6	9	12	14	27	13	11	0
OTHER ACC. DEATHS	11	3	6	8	15	22	33	56	125	0
SUICIDE	15	10	9	6	6	6	7	3	2	0
HOMICIDE & LEGAL INTERV	8	2	1	2	3	4	3	3	3	0
ALL OTHER EXTERNAL CAUSES	0	1	0	2	1	0	1	1	2	1

**Graph E**  
**Resident Infant Death Rates per 1,000 Live Births**  
**Missouri 1960-1991**



	<i>Infant Deaths</i>	<i>Rate</i>
1960	2,414	24.7
1965	2,060	25.4
1970	1,580	19.6
1975	1,123	16.4
1980	970	12.3
1981	971	12.7
1982	894	11.7
1983	805	10.7

	<i>Infant Deaths</i>	<i>Rate</i>
1984	769	10.3
1985	784	10.2
1986	799	10.6
1987	767	10.2
1988	770	10.1
1989	767	9.9
1990	746	9.4
1991	798	10.2

TABLE 23A

RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS  
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
STATE TOTAL	1,009	798	520	489	309	3							
ADAIR	2	2	2	0	2	0	FRANKLIN	15	13	6	9	4	0
ANDREW	6	7	0	6	1	0	GASCONADE	4	3	1	3	0	0
ATCHISON	1	2	0	1	1	0	GENTRY	0	0	0	0	0	0
AUDRAIN	5	3	3	2	1	0	GREENE	36	22	26	10	12	0
BARRY	4	4	0	4	0	0	GRUNDY	0	0	0	0	0	0
BARTON	2	2	2	0	2	0	HARRISON	1	2	0	1	1	0
BATES	3	3	1	2	1	0	HENRY	2	1	1	1	0	0
BENTON	1	1	1	0	1	0	HICKORY	2	1	1	1	0	0
BOLLINGER	1	0	1	0	0	0	HOLT	3	1	2	1	0	0
BOONE	26	20	14	12	8	0	HOWARD	0	0	0	0	0	0
BUCHANAN	19	11	11	8	3	0	HOWELL	9	6	4	5	1	0
BUTLER	6	4	5	1	3	0	IRON	2	2	0	2	0	0
CALDWELL	1	1	1	0	1	0	JACKSON	147	118	74	73	45	0
CALLAWAY	5	4	2	3	1	0	JASPER	15	9	9	6	3	0
CAMDEN	3	4	1	2	2	0	JEFFERSON	24	20	11	13	7	0
CAPE GIRARDEAU	7	4	3	4	0	0	JOHNSON	7	6	3	4	2	0
CARROLL	2	1	2	0	1	0	KNOX	1	0	1	0	0	0
CARTER	2	2	1	1	1	0	LACLEDE	4	2	3	1	1	0
CASS	7	8	3	4	4	0	LAFAYETTE	6	1	5	1	0	0
CEDAR	3	3	0	3	0	0	LAWRENCE	6	4	3	3	1	0
CHARITON	2	1	1	1	0	0	LEWIS	1	0	1	0	0	0
CHRISTIAN	5	2	4	1	1	0	LINCOLN	9	6	5	4	2	0
CLARK	0	0	0	0	0	0	LINN	1	0	1	0	0	0
CLAY	18	10	9	9	1	0	LIVINGSTON	0	0	0	0	0	0
CLINTON	0	0	0	0	0	0	MC DONALD	1	2	1	0	2	0
COLE	12	8	4	8	0	0	MACON	7	2	5	2	0	0
COOPER	2	3	1	1	2	0	MADISON	0	1	0	0	1	1
CRAWFORD	2	1	1	1	0	0	MARIES	0	1	0	0	1	0
DADE	1	0	1	0	0	0	MARION	1	5	0	1	4	0
DALLAS	5	2	3	2	0	0	MERCER	0	0	0	0	0	0
DAVISS	5	6	0	5	1	0	MILLER	3	3	1	2	1	0
DE KALB	0	0	0	0	0	0	MISSISSIPPI	5	4	3	2	2	0
DENT	3	2	3	0	2	0	MONITEAU	0	0	0	0	0	0
DOUGLAS	0	1	0	0	1	0	MONROE	1	1	1	0	1	0
DUNKLIN	5	5	4	1	4	0	MONTGOMERY	1	1	0	1	0	0

TABLE 23A (CONT)

RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS  
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
MORGAN	6	3	3	3	0	0	WASHINGTON	6	4	3	3	1	0
NEW MADRID	9	7	4	5	2	0	WAYNE	2	2	2	0	2	0
NEWTON	9	6	7	2	4	0	WEBSTER	4	5	2	2	3	0
NODAWAY	3	1	2	1	0	0	WORTH	1	1	0	1	0	0
OREGON	2	1	1	1	0	0	WRIGHT	3	3	1	2	1	0
OSAGE	4	3	1	3	0	0							
OZARK	2	1	1	1	0	0	CITIES OVER 25,000 POP.						
PEMISCOT	7	8	4	3	5	0	BLUE SPRINGS	5	5	4	1	4	0
PERRY	1	1	0	1	0	0	CAPE GIRARDEAU	4	2	2	2	0	0
PETTIS	6	7	1	5	2	0	COLUMBIA	21	15	11	10	5	0
PHELPS	3	6	2	1	5	0	FLORISSANT	8	5	4	4	1	0
PIKE	2	4	0	2	2	0	GLADSTONE	3	1	2	1	0	0
PLATTE	6	7	3	3	4	0							
POLK	4	5	1	3	2	0	INDEPENDENCE	23	15	16	7	8	0
PULASKI	13	11	5	8	3	0	JEFFERSON CITY	8	5	3	5	0	0
PUTNAM	2	1	1	1	0	0	KIRKWOOD	0	2	0	0	2	0
RALLS	2	0	2	0	0	0	LEES SUMMIT	1	3	1	0	3	0
RANDOLPH	4	2	2	2	0	0	MARYLAND HEIGHTS	2	2	1	1	1	0
RAY	4	2	2	2	0	0							
REYNOLDS	2	0	2	0	0	0	RAYTOWN	4	1	3	1	0	0
							ST. CHARLES	7	7	4	3	4	0
RIPLEY	4	2	4	0	2	0	ST. JOSEPH	18	11	10	8	3	0
ST. CHARLES	26	22	14	12	10	0	ST. LOUIS CITY	160	143	76	84	59	2
ST. CLAIR	1	0	1	0	0	0	ST. PETERS	3	3	3	0	3	0
ST. FRANCOIS	11	3	8	3	0	0							
STE. GENEVIEVE	3	0	3	0	0	0	SPRINGFIELD	23	16	15	8	8	0
							UNIVERSITY CITY	13	13	4	9	4	0
ST. LOUIS CITY	160	143	76	84	59	2							
ST. LOUIS COUNTY	170	139	83	87	52	0							
SALINE	3	3	2	1	2	0	MULTI-COUNTY CITIES						
SCHUYLER	1	1	0	1	0	0							
SCOTLAND	2	0	2	0	0	0							
SCOTT	10	8	6	4	4	0	JOPLIN	6	4	5	1	3	0
SHANNON	1	0	1	0	0	0	JASPER CO. PART	6	2	5	1	1	0
SHELBY	2	0	2	0	0	0	NEWTON CO. PART	0	2	0	0	2	0
STODDARD	7	3	5	2	1	0							
STONE	1	2	0	1	1	0	KANSAS CITY	117	98	50	67	31	0
							JACKSON CO. PART	105	91	44	61	30	0
SULLIVAN	2	1	1	1	0	0	CLAY CO. PART	9	6	4	5	1	0
TANEY	6	4	2	4	0	0	PLATTE CO. PART	3	1	2	1	0	0
TEXAS	5	1	4	1	0	0	CASS CO. PART	0	0	0	0	0	0
VERNON	3	3	1	2	1	0							
WARREN	4	8	1	3	5	0							

TABLE 23B

WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS  
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
STATE TOTAL	669	498	364	305	193	1							
ADAIR	2	2	2	0	2	0	FRANKLIN	14	12	6	8	4	0
ANDREW	5	6	0	5	1	0	GASCONADE	4	3	1	3	0	0
ATCHISON	1	2	0	1	1	0	GENTRY	0	0	0	0	0	0
AUDRAIN	5	3	3	2	1	0	GREENE	34	20	26	8	12	0
BARRY	4	4	0	4	0	0	GRUNDY	0	0	0	0	0	0
BARTON	2	2	2	0	2	0	HARRISON	1	2	0	1	1	0
BATES	3	3	1	2	1	0	HENRY	2	1	1	1	0	0
BENTON	1	1	1	0	1	0	HICKORY	2	1	1	1	0	0
BOLLINGER	1	0	1	0	0	0	HOLT	3	1	2	1	0	0
BOONE	21	15	11	10	5	0	HOWARD	0	0	0	0	0	0
BUCHANAN	18	11	10	8	3	0	HOWELL	9	6	4	5	1	0
BUTLER	5	2	4	1	1	0	IRON	2	2	0	2	0	0
CALDWELL	1	1	1	0	1	0	JACKSON	86	59	51	35	24	0
CALLAWAY	4	3	2	2	1	0	JASPER	15	9	9	6	3	0
CAMDEN	3	4	1	2	2	0	JEFFERSON	23	18	11	12	6	0
CAPE GIRARDEAU	6	3	3	3	0	0	JOHNSON	6	6	2	4	2	0
CARROLL	1	1	1	0	1	0	KNOX	1	0	1	0	0	0
CARTER	2	2	1	1	1	0	LACLEDE	4	2	3	1	1	0
CASS	7	8	3	4	4	0	LAFAYETTE	6	1	5	1	0	0
CEDAR	3	3	0	3	0	0	LAWRENCE	6	4	3	3	1	0
CHARITON	2	1	1	1	0	0	LEWIS	1	0	1	0	0	0
CHRISTIAN	5	2	4	1	1	0	LINCOLN	8	6	4	4	2	0
CLARK	0	0	0	0	0	0	LINN	1	0	1	0	0	0
CLAY	17	9	9	8	1	0	LIVINGSTON	0	0	0	0	0	0
CLINTON	0	0	0	0	0	0	MC DONALD	1	2	1	0	2	0
COLE	10	6	4	6	0	0	MACON	7	2	5	2	0	0
COOPER	2	3	1	1	2	0	MADISON	0	1	0	0	1	1
CRAWFORD	2	1	1	1	0	0	MARIES	0	1	0	0	1	0
DADE	1	0	1	0	0	0	MARION	1	5	0	1	4	0
DALLAS	5	2	3	2	0	0	MERCER	0	0	0	0	0	0
DAVIESS	5	6	0	5	1	0	MILLER	3	3	1	2	1	0
DE KALB	0	0	0	0	0	0	MISSISSIPPI	3	2	2	1	1	0
DENT	3	2	3	0	2	0	MONITEAU	0	0	0	0	0	0
DOUGLAS	0	1	0	0	1	0	MONROE	1	1	1	0	1	0
DUNKLIN	2	3	2	0	3	0	MONTGOMERY	1	1	0	1	0	0

TABLE 23B (CONT) WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS  
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
MORGAN	6	3	3	3	0	0	WASHINGTON	5	4	2	3	1	0
NEW MADRID	5	2	3	2	0	0	WAYNE	2	2	2	0	2	0
NEWTON	8	6	6	2	4	0	WEBSTER	4	5	2	2	3	0
NODAWAY	2	0	2	0	0	0	WORTH	1	1	0	1	0	0
OREGON	2	1	1	1	0	0	WRIGHT	3	3	1	2	1	0
OSAGE	4	3	1	3	0	0							
OZARK	2	1	1	1	0	0	CITIES OVER						
PEMISCOT	1	3	0	1	2	0	25,000 POP.						
PERRY	1	1	0	1	0	0	BLUE SPRINGS	5	5	4	1	4	0
PETTIS	6	6	1	5	1	0	CAPE GIRARDEAU	3	1	2	1	0	0
PHELPS	3	6	2	1	5	0	COLUMBIA	16	11	8	8	3	0
PIKE	1	3	0	1	2	0	FLORISSANT	8	5	4	4	1	0
PLATTE	6	7	3	3	4	0	GLADSTONE	3	1	2	1	0	0
POLK	4	5	1	3	2	0	INDEPENDENCE	22	13	15	7	6	0
PULASKI	9	9	3	6	3	0	JEFFERSON CITY	6	3	3	3	0	0
PUTNAM	2	1	1	1	0	0	KIRKWOOD	0	1	0	0	1	0
RALLS	2	0	2	0	0	0	LEES SUMMIT	1	3	1	0	3	0
RANDOLPH	4	2	2	2	0	0	MARYLAND HEIGHTS	1	2	0	1	1	0
RAY	3	1	2	1	0	0	RAYTOWN	4	1	3	1	0	0
REYNOLDS	2	0	2	0	0	0	ST. CHARLES	6	5	3	3	2	0
RIPLEY	4	2	4	0	2	0	ST. JOSEPH	17	11	9	8	3	0
ST. CHARLES	22	16	13	9	7	0	ST. LOUIS CITY	27	19	16	11	8	0
ST. CLAIR	1	0	1	0	0	0	ST. PETERS	3	3	3	0	3	0
ST. FRANCOIS	11	3	8	3	0	0	SPRINGFIELD	21	14	15	6	8	0
STE. GENEVIEVE	3	0	3	0	0	0	UNIVERSITY CITY	2	3	1	1	2	0
ST. LOUIS CITY	27	19	16	11	8	0							
ST. LOUIS COUNTY	77	69	35	42	27	0	MULTI-COUNTY						
SALINE	3	3	2	1	2	0	CITIES						
SCHUYLER	1	1	0	1	0	0	JOPLIN	6	4	5	1	3	0
SCOTLAND	2	0	2	0	0	0	JASPER CO. PART	6	2	5	1	1	0
SCOTT	8	6	5	3	3	0	NEWTON CO. PART	0	2	0	0	2	0
SHANNON	0	0	0	0	0	0	KANSAS CITY	58	41	29	29	12	0
SHELBY	1	0	1	0	0	0	JACKSON CO. PAR	46	34	23	23	11	0
STODDARD	7	3	5	2	1	0	CLAY CO. PART	9	6	4	5	1	0
STONE	1	2	0	1	1	0	PLATTE CO. PART	3	1	2	1	0	0
SULLIVAN	2	1	1	1	0	0	CASS CO. PART	0	0	0	0	0	0
TANEY	6	4	2	4	0	0							
TEXAS	5	1	4	1	0	0							
VERNON	2	3	0	2	1	0							
WARREN	4	7	1	3	4	0							

TABLE 23C

BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS  
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
STATE TOTAL	326	290	150	176	114	2							
ADAIR	0	0	0	0	0	0	FRANKLIN	1	1	0	1	0	0
ANDREW	1	1	0	1	0	0	GASCONADE	0	0	0	0	0	0
ATCHISON	0	0	0	0	0	0	GENTRY	0	0	0	0	0	0
AUDRAIN	0	0	0	0	0	0	GREENE	0	0	0	0	0	0
BARRY	0	0	0	0	0	0	GRUNDY	0	0	0	0	0	0
BARTON	0	0	0	0	0	0	HARRISON	0	0	0	0	0	0
BATES	0	0	0	0	0	0	HENRY	0	0	0	0	0	0
BENTON	0	0	0	0	0	0	HICKORY	0	0	0	0	0	0
BOLLINGER	0	0	0	0	0	0	HOLT	0	0	0	0	0	0
BOONE	4	4	3	1	3	0	HOWARD	0	0	0	0	0	0
BUCHANAN	0	0	0	0	0	0	HOWELL	0	0	0	0	0	0
BUTLER	1	2	1	0	2	0	IRON	0	0	0	0	0	0
CALDWELL	0	0	0	0	0	0	JACKSON	59	57	22	37	20	0
CALLAWAY	1	1	0	1	0	0	JASPER	0	0	0	0	0	0
CAMDEN	0	0	0	0	0	0	JEFFERSON	0	1	0	0	1	0
CAPE GIRARDEAU	1	1	0	1	0	0	JOHNSON	1	0	1	0	0	0
CARROLL	1	0	1	0	0	0	KNOX	0	0	0	0	0	0
CARTER	0	0	0	0	0	0	LACLEDE	0	0	0	0	0	0
CASS	0	0	0	0	0	0	LAFAYETTE	0	0	0	0	0	0
CEDAR	0	0	0	0	0	0	LAWRENCE	0	0	0	0	0	0
CHARITON	0	0	0	0	0	0	LEWIS	0	0	0	0	0	0
CHRISTIAN	0	0	0	0	0	0	LINCOLN	1	0	1	0	0	0
CLARK	0	0	0	0	0	0	LINN	0	0	0	0	0	0
CLAY	1	1	0	1	0	0	LIVINGSTON	0	0	0	0	0	0
CLINTON	0	0	0	0	0	0	MC DONALD	0	0	0	0	0	0
COLE	2	2	0	2	0	0	MACON	0	0	0	0	0	0
COOPER	0	0	0	0	0	0	MADISON	0	0	0	0	0	0
CRAWFORD	0	0	0	0	0	0	MARIES	0	0	0	0	0	0
DADE	0	0	0	0	0	0	MARION	0	0	0	0	0	0
DALLAS	0	0	0	0	0	0	MERCER	0	0	0	0	0	0
DAVIESS	0	0	0	0	0	0	MILLER	0	0	0	0	0	0
DE KALB	0	0	0	0	0	0	MISSISSIPPI	2	2	1	1	1	0
DENT	0	0	0	0	0	0	MONITEAU	0	0	0	0	0	0
DOUGLAS	0	0	0	0	0	0	MONROE	0	0	0	0	0	0
DUNKLIN	3	1	2	1	0	0	MONTGOMERY	0	0	0	0	0	0

TABLE 23C (CONT)

BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS  
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

COUNTIES	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	COUNTIES CONT.	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS
MORGAN	0	0	0	0	0	0	WASHINGTON	1	0	1	0	0	0
NEW MADRID	3	4	1	2	2	0	WAYNE	0	0	0	0	0	0
NEWTON	1	0	1	0	0	0	WEBSTER	0	0	0	0	0	0
NODAWAY	0	0	0	0	0	0	WORTH	0	0	0	0	0	0
OREGON	0	0	0	0	0	0	WRIGHT	0	0	0	0	0	0
OSAGE	0	0	0	0	0	0							
OZARK	0	0	0	0	0	0	CITIES OVER						
PEMISCOT	6	5	4	2	3	0	25,000 POP.						
PERRY	0	0	0	0	0	0	BLUE SPRINGS	0	0	0	0	0	0
PETTIS	0	1	0	0	1	0	CAPE GIRARDEAU	1	1	0	1	0	0
PHELPS	0	0	0	0	0	0	COLUMBIA	4	3	3	1	2	0
PIKE	1	1	0	1	0	0	FLORISSANT	0	0	0	0	0	0
PLATTE	0	0	0	0	0	0	GLADSTONE	0	0	0	0	0	0
POLK	0	0	0	0	0	0							
PULASKI	4	2	2	2	0	0	INDEPENDENCE	0	1	0	0	1	0
PUTNAM	0	0	0	0	0	0	JEFFERSON CITY	2	2	0	2	0	0
RALLS	0	0	0	0	0	0	KIRKWOOD	0	1	0	0	1	0
RANDOLPH	0	0	0	0	0	0	LEES SUMMIT	0	0	0	0	0	0
RAY	1	1	0	1	0	0	MARYLAND HEIGHTS	1	0	1	0	0	0
REYNOLDS	0	0	0	0	0	0							
RIPLEY	0	0	0	0	0	0	RAYTOWN	0	0	0	0	0	0
ST. CHARLES	4	6	1	3	3	0	ST. CHARLES	1	2	1	0	2	0
ST. CLAIR	0	0	0	0	0	0	ST. JOSEPH	0	0	0	0	0	0
ST. FRANCOIS	0	0	0	0	0	0	ST. LOUIS CITY	133	124	60	73	51	2
STE. GENEVIEVE	0	0	0	0	0	0	ST. PETERS	0	0	0	0	0	0
ST. LOUIS CITY	133	124	60	73	51	2	SPRINGFIELD	0	0	0	0	0	0
ST. LOUIS COUNTY	91	69	47	44	25	0	UNIVERSITY CITY	11	10	3	8	2	0
SALINE	0	0	0	0	0	0							
SCHUYLER	0	0	0	0	0	0	MULTI-COUNTY						
SCOTLAND	0	0	0	0	0	0	CITIES						
SCOTT	2	2	1	1	1	0	JOPLIN	0	0	0	0	0	0
SHANNON	0	0	0	0	0	0	JASPER CO. PART	0	0	0	0	0	0
SHELBY	0	0	0	0	0	0	NEWTON CO. PART	0	0	0	0	0	0
STODDARD	0	0	0	0	0	0							
STONE	0	0	0	0	0	0	KANSAS CITY	58	56	21	37	19	0
							JACKSON CO. PAR	58	56	21	37	19	0
SULLIVAN	0	0	0	0	0	0	CLAY CO. PART	0	0	0	0	0	0
TANEY	0	0	0	0	0	0	PLATTE CO. PART	0	0	0	0	0	0
TEXAS	0	0	0	0	0	0	CASS CO. PART	0	0	0	0	0	0
VERNON	0	0	0	0	0	0							
WARREN	0	1	0	0	1	0							

TABLE 23D

RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS  
BY REGIONAL PLANNING COMMISSION WITH RATES PER 1,000 LIVE BIRTHS: MISSOURI 1991

REGIONAL PLANNING COMMISSIONS	NUMBER						RATES				
	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	MATER- NAL DEATHS	PERI- NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS
MAJOR METRO REGIONS											
EAST-WEST GATEWAY	395	337	190	205	132	2	12.9	11.0	6.2	6.7	4.3
MID-AMERICA	182	145	91	91	54	0	12.1	9.6	6.0	6.0	3.6
MINOR METRO REGIONS											
SOUTHWEST MISSOURI	72	50	42	30	20	0	12.3	8.5	7.2	5.1	3.4
MID-MISSOURI	54	41	25	29	12	0	13.0	9.9	6.0	7.0	2.9*
MO-KAN	25	18	11	14	4	0	14.5	10.4*	6.4*	8.1*	2.3*
OZARK GATEWAY	27	19	19	8	11	0	11.1	7.8*	7.8*	3.3*	4.5*
NONMETRO REGIONS											
NORTHWEST MISSOURI	8	5	4	4	1	0	16.8*	10.5*	8.4*	8.4*	2.1*
GREEN HILLS	12	11	4	8	3	0	12.8*	11.7*	4.3*	8.5*	3.2*
MISSOURI VALLEY	7	5	5	2	3	0	12.7*	9.1*	9.1*	3.6*	5.4*
NORTHEAST MISSOURI	6	3	5	1	2	0	11.6*	5.8*	9.7*	1.9*	3.9*
MARK TWAIN	20	14	13	7	7	0	12.4	8.7*	8.0*	4.3*	4.3*
BOONSLICK	14	15	6	8	7	0	14.5*	15.5*	6.2*	8.3*	7.3*
KAYSINGER BASIN	15	12	6	9	3	0	14.0*	11.2*	5.6*	8.4*	2.8*
SHOW-ME	19	14	9	10	4	0	11.7*	8.6*	5.5*	6.2*	2.5*
SOUTH-CENTRAL OZARK	22	13	12	10	3	0	15.1	8.9*	8.3*	6.9*	2.1*
HERAMEC	18	17	10	8	9	0	12.3*	11.6*	6.8*	5.5*	6.2*
LAKE OF THE OZARKS	29	23	13	16	7	0	14.5	11.5	6.5*	8.0*	3.5*
SOUTHEAST MISSOURI	25	11	15	10	1	1	10.4	4.6*	6.2*	4.2*	0.4*
BOOTHEEL	43	35	26	17	18	0	17.7	14.4	10.7	7.0*	7.4*
OZARK FOOTHILLS	16	10	14	2	8	0	15.7*	9.8*	13.7*	2.0*	7.8*
MAJOR METRO TOTAL	577	482	281	296	186	2	12.6	10.5	6.1	6.5	4.1
MINOR METRO TOTAL	178	128	97	81	47	0	12.6	9.0	6.8	5.7	3.3
NONMETRO TOTAL	254	188	142	112	76	1	13.7	10.1	7.7	6.0	4.1
STATE TOTAL	1,009	798	520	489	309	3	12.9	10.2	6.6	6.2	3.9

\*RATE UNSTABLE BECAUSE IT IS BASED ON FEWER THAN 20 DEATHS

TABLE 23E WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND  
MATERNAL DEATHS BY REGIONAL PLANNING COMMISSION: MISSOURI 1991

REGIONAL PLANNING COMMISSIONS	PERINATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEONATAL DEATHS	POST- NEONATAL DEATHS	MATERNAL DEATHS
MAJOR METRO REGIONS						
EAST-WEST GATEWAY	163	134	81	82	52	0
MID-AMERICA	119	84	68	51	33	0
MINOR METRO REGIONS						
SOUTHWEST MISSOURI	70	48	42	28	20	0
MID-MISSOURI	46	33	22	24	9	0
MO-KAN	23	17	10	13	4	0
OZARK GATEWAY	26	19	18	8	11	0
NONMETRO REGIONS						
NORTHWEST MISSOURI	7	4	4	3	1	0
GREEN HILLS	12	11	4	8	3	0
MISSOURI VALLEY	6	5	4	2	3	0
NORTHEAST MISSOURI	6	3	5	1	2	0
MARK TWAIN	18	13	12	6	7	0
BOONSLICK	13	14	5	8	6	0
KAYSINGER BASIN	14	12	5	9	3	0
SHOW-ME	18	13	8	10	3	0
SOUTH CENTRAL OZARK	21	13	11	10	3	0
MERAHEC	17	17	9	8	9	0
LAKE OF THE OZARKS	25	21	11	14	7	0
SOUTHEAST MISSOURI	24	10	15	9	1	1
BOOTHEEL	26	19	17	9	10	0
OZARK FOOTHILLS	15	8	13	2	6	0
MAJOR METRO TOTAL	282	218	149	133	85	0
MINOR METRO TOTAL	139	98	74	65	33	0
NONMETRO TOTAL	248	182	141	107	75	1
STATE TOTAL	669	498	364	305	193	1

TABLE 23F

BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND  
MATERNAL DEATHS BY REGIONAL PLANNING COMMISSION: MISSOURI 1991

REGIONAL PLANNING COMMISSIONS	PERINATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEONATAL DEATHS	POST- NEONATAL DEATHS	MATERNAL DEATHS
MAJOR METRO REGIONS						
EAST-WEST GATEWAY	229	201	108	121	80	2
MID-AMERICA	61	59	22	39	20	0
MINOR METRO REGIONS						
SOUTHWEST MISSOURI	0	0	0	0	0	0
MID-MISSOURI	7	7	3	4	3	0
MO-KAN	1	1	0	1	0	0
OZARK GATEWAY	1	0	1	0	0	0
NONMETRO REGIONS						
NORTHWEST MISSOURI	0	0	0	0	0	0
GREEN HILLS	0	0	0	0	0	0
MISSOURI VALLEY	1	0	1	0	0	0
NORTHEAST MISSOURI	0	0	0	0	0	0
MARK TWAIN	1	1	0	1	0	0
BOONSLICK	1	1	1	0	1	0
KAYSINGER BASIN	0	0	0	0	0	0
SHOW-ME	1	1	1	0	1	0
SOUTH CENTRAL OZARK	0	0	0	0	0	0
MERAMEC	1	0	1	0	0	0
LAKE OF THE OZARKS	4	2	2	2	0	0
SOUTHEAST MISSOURI	1	1	0	1	0	0
BOOTHEEL	16	14	9	7	7	0
OZARK FOOTHILLS	1	2	1	0	2	0
MAJOR METRO TOTAL	290	260	130	160	100	2
MINOR METRO TOTAL	8	8	3	5	3	0
NONMETRO TOTAL	28	22	17	11	11	0
STATE TOTAL	326	290	150	176	114	2

TABLE 24

**RESIDENT INFANT DEATHS BY AGE, CAUSE, AND RACE WITH RATES PER 1,000  
LIVE BIRTHS BY CAUSE AND RACE: MISSOURI 1991**

CAUSE	RACE	NUMBER	RATE	NEO- NATAL DEATHS	POST- NEO- NATAL DEATHS	UNDER 1 HR	OVER 1 HR UNDER 1 DAY	OVER 1 DAY UNDER 7 DAS	OVER 7 DAS UNDER 28 DAS	OVER 28 DAS UNDER 3 MOS	OVER 3 MOS UNDER 6 MOS	OVER 6 MOS UNDER 1 YEAR	UNDER 1 YEAR UNKNOWN UNITS
ALL CAUSES	WHITE	498	7.8	305	193	58	91	96	59	88	68	37	1
	BLACK	290	21.3	176	114	44	57	40	31	40	53	21	4
	TOTAL	798	10.2	489	309	103	151	139	91	129	121	59	5
GASTROINTESTINAL DISEASES (008-009, 535, 555-558)	WHITE	1	0.0	0	1	0	0	0	0	1	0	0	0
	BLACK	1	0.1	0	1	0	0	0	0	1	0	0	0
	TOTAL	2	0.0	0	2	0	0	0	0	2	0	0	0
PNEUMONIA AND INFLUENZA (480-487)	WHITE	0	0.0	0	0	0	0	0	0	0	0	0	0
	BLACK	4	0.3	0	4	0	0	0	0	1	2	1	0
	TOTAL	5	0.1	0	5	0	0	0	0	1	2	2	0
CONGENITAL ANOMALIES (740-759)	WHITE	142	2.2	117	25	20	33	41	23	14	6	5	0
	BLACK	20	1.5	12	8	6	0	4	2	2	4	2	0
	TOTAL	163	2.1	130	33	26	33	46	25	16	10	7	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED BIRTHWEIGHT (765)	WHITE	38	0.6	37	1	14	20	3	0	1	0	0	0
	BLACK	59	4.3	58	1	23	28	6	0	0	0	1	1
	TOTAL	99	1.3	97	2	37	50	9	0	1	0	1	1
BIRTH TRAUMA (767)	WHITE	1	0.0	1	0	0	0	1	0	0	0	0	0
	BLACK	2	0.1	2	0	0	0	1	1	0	0	0	0
	TOTAL	3	0.0	3	0	0	0	2	1	0	0	0	0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA (768)	WHITE	5	0.1	5	0	0	2	3	0	0	0	0	0
	BLACK	3	0.2	3	0	0	0	1	2	0	0	0	0
	TOTAL	8	0.1	8	0	0	2	4	2	0	0	0	0
RESPIRATORY DISTRESS SYNDROME (769)	WHITE	31	0.5	30	1	0	9	14	6	1	0	0	1
	BLACK	27	2.0	25	2	1	7	15	2	0	1	1	0
	TOTAL	59	0.8	56	3	1	16	30	8	1	1	1	1
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-764,766,770-779)	WHITE	95	1.5	84	11	21	24	24	15	5	5	1	0
	BLACK	72	5.3	65	7	14	21	10	18	4	3	0	2
	TOTAL	170	2.2	152	18	36	46	34	34	9	8	1	2
SUDDEN INFANT DEATH SYNDROME (798.0)	WHITE	101	1.6	6	95	0	0	1	5	55	32	8	0
	BLACK	48	3.5	3	45	0	0	1	2	22	18	5	0
	TOTAL	150	1.9	9	141	0	0	2	7	78	50	13	0
ACCIDENTS (800-949)	WHITE	17	0.3	2	15	0	0	1	1	2	6	7	0
	BLACK	8	0.6	0	8	0	0	0	0	1	4	3	0
	TOTAL	25	0.3	2	23	0	0	1	1	3	10	10	0
ALL OTHER CAUSES RESIDUAL	WHITE	67	1.1	23	44	3	3	8	9	9	19	16	0
	BLACK	46	3.4	8	38	0	1	2	4	9	21	8	1
	TOTAL	114	1.5	32	82	3	4	11	13	18	40	24	1

NUMBER IN PARENTHESIS REFERS TO CODE NUMBERS IN THE 9TH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES

TABLE 25      RESIDENT INFANT DEATHS AND RATES PER 1,000 LIVE BIRTHS BY AGE OF MOTHER BY BIRTH ORDER:  
MISSOURI 1991

AGE OF MOTHER	ALL BIRTHS ORDERS	NUMBER BIRTH ORDER				ALL BIRTH ORDERS	RATES BIRTH ORDER			
		1ST	2ND OR 3RD	4TH OR 5TH	6TH OR MORE		1ST	2ND OR 3RD	4TH OR 5TH	6TH OR MORE
ALL AGES	801	204	400	134	63	10.2	8.0	10.4	11.8	19.1
UNDER 18	73	44	27	2	0	17.8	13.8	30.8	69.0*	0.0*
18-19	88	34	45	9	0	12.2	8.0	16.6	38.8*	0.0*
20-24	255	60	147	41	7	11.6	7.5	13.3	16.9	16.7*
25-29	212	41	105	44	22	9.0	6.3	8.5	12.2	24.3
30-34	115	14	58	27	16	7.4	5.1*	6.8	8.0	15.2*
35-39	43	5	15	10	13	8.2	7.7*	6.1*	6.9*	18.8*
40 AND OVER	9	0	3	1	5	11.0*	0.0*	10.4*	4.5*	23.6*

TABLE 26      RESIDENT INFANT DEATHS AND RATES PER 1,000 LIVE BIRTHS BY BIRTH WEIGHT BY RACE OF MOTHER:  
MISSOURI 1991

BIRTH WEIGHT (GRAMS)	ALL RACES	NUMBER		ALL RACES	RATES	
		WHITE	BLACK		WHITE	BLACK
ALL WEIGHTS	801	502	279	10.2	7.9	20.5
UNDER 500	93	39	51	877.4	866.7	879.3
500-999	196	105	89	479.2	437.5	539.4
1,000-1,499	57	27	28	109.6	81.3	154.7
1,500-1,999	57	36	20	50.2	47.6	54.3
2,000-2,499	54	35	18	14.5	13.8	16.3*
2,500-2,999	110	77	30	8.5	8.2	9.0
3,000-3,499	126	93	28	4.4	4.1	5.4
3,500-3,999	78	62	13	3.4	3.1	5.0*
4,000 AND OVER	17	16	1	2.1*	2.1*	1.6*

TOTALS IN TABLES 25 AND 26 DO NOT AGREE WITH THE TOTALS IN TABLES 23 AND 24 BECAUSE TABLES 25 AND 26  
INCLUDE ONLY INFANT DEATHS WHICH HAVE BEEN MATCHED WITH THEIR CORRESPONDING BIRTH RECORD.

\* RATE UNSTABLE BECAUSE IT IS BASED ON FEWER THAN 20 DEATHS

TABLE 27A

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH  
RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1991

	STATE TOTAL					EAST- WEST GATEWAY	MID- AMERICA	SOUTHWEST MISSOURI	MID- MISSOURI
	ALL RACES	CRUDE RATE	AGE-ADJ RATE*	WHITE	BLACK				
ALL CAUSES	50,711	983.2	516.0	45,038	5,487	16,944	8,360	4,048	2,341
TUBERCULOSIS	22	0.4	0.2	15	6	7	3	3	3
AIDS	346	6.7	6.6	267	75	157	108	30	10
SYPHILIS	3	0.1	0.0	3	0	1	0	1	0
RESIDUAL OF INFECT. DIS.	586	11.4	6.0	486	99	184	143	48	33
MALIGNANT NEOPLASMS	11,826	229.3	137.8	10,547	1,230	4,131	1,940	972	518
DIGESTIVE ORGANS	2,628	50.9	28.2	2,305	313	972	408	213	103
RESPIRATORY ORGANS	3,633	70.4	45.0	3,273	350	1,293	578	289	134
BREAST	995	19.3	12.6	885	104	363	188	80	45
GENITAL ORGANS	1,252	24.3	12.6	1,090	154	412	214	107	68
URINARY ORGANS	453	8.8	4.8	412	40	150	82	38	24
LEUKEMIA	459	8.9	5.2	407	46	161	68	50	27
OTHER MALIG. NEOPL.	2,406	46.6	29.3	2,175	223	780	402	195	117
DIABETES MELLITUS	1,106	21.4	11.4	936	167	389	182	83	58
MAJOR CARDIOVASC. DISEASE	22,371	433.7	186.8	20,294	2,012	7,216	3,479	1,783	1,013
DISEASES OF HEART	17,730	343.7	151.7	16,113	1,570	5,878	2,726	1,354	788
RHEUMATIC FEVER & RHEUM. HEART DISEASE	101	2.0	1.1	92	9	38	11	10	12
HYPERTENSIVE HEART	491	9.5	4.5	357	131	239	113	14	15
ISCHEMIC HEART	12,669	245.6	108.7	11,647	995	4,453	1,857	954	558
OTHER HEART DISEASE	4,469	86.6	37.3	4,017	435	1,148	745	376	203
HYPERTENSION	193	3.7	1.7	147	45	75	38	11	14
CEREBROVASCULAR DISEASE	3,461	67.1	26.0	3,134	316	986	539	317	168
ATHEROSCLEROSIS	395	7.7	2.2	371	23	77	77	38	18
OTHER MAJOR CARDIOVASC.	592	11.5	5.3	529	58	200	99	63	25
PNEUMONIA & INFLUENZA	1,898	36.8	12.5	1,760	131	648	299	117	71
CHRONIC PULMONARY DISEASE	2,130	41.3	21.0	1,992	134	595	384	199	114
ULCER OF STOMACH	129	2.5	1.1	114	14	36	26	9	6
LIVER DISEASE & CIRRHOSIS	420	8.1	6.2	368	48	163	78	40	21
NEPHRITIS & NEPHROSIS	538	10.4	4.2	455	83	166	92	40	21
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	3	0.1	0.1	1	2	2	0	0	0
CONGENITAL ANOMALIES	247	4.8	4.7	217	28	80	47	23	16
DISEASES OF EARLY INFANCY	339	6.6	6.6	170	163	165	61	15	17
SYMPTOMS & ILL-DEF. COND.	394	7.6	5.9	311	81	130	58	35	14
ALL OTHER DISEASES	4,927	95.5	44.6	4,351	563	1,663	827	410	277
ACCIDENTAL DEATHS	2,073	40.2	34.7	1,824	233	643	316	167	99
MOTOR VEHICLE	1,030	20.0	20.1	940	78	247	165	96	49
OTHER ACC. DEATHS	1,043	20.2	14.6	884	155	396	151	71	50
SUICIDE	719	13.9	13.0	675	40	224	160	55	39
HOMICIDE & LEGAL INTERV	567	11.0	11.7	200	364	328	142	15	9
ALL OTHER EXTERNAL CAUSES	67	1.3	1.2	52	14	16	15	3	2

\* 1940 UNITED STATES POPULATION USED AS THE STANDARD BEGINNING IN 1991 INSTEAD OF MISSOURI 1970 POPULATION, WHICH  
WAS USED IN 1972 TO 1990 ANNUALS. THEREFORE AGE-ADJUSTED DEATH RATES CANNOT BE COMPARED TO PREVIOUS ANNUAL REPORTS.

TABLE 27A (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH  
RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1991

	MO-KAN	NORTHWEST MISSOURI	GREEN HILLS	MISSOURI VALLEY	NORTHEAST MISSOURI	MARK TWIN	BOONSLICK	OZARK GATEWAY
ALL CAUSES	1,434	520	1,230	565	527	1,484	604	1,724
TUBERCULOSIS	0	0	1	0	0	0	1	1
AIDS	3	0	0	1	1	2	1	11
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	15	2	15	4	4	18	2	14
MALIGNANT NEOPLASMS	328	104	244	103	97	325	155	369
DIGESTIVE ORGANS	70	20	66	28	24	65	38	84
RESPIRATORY ORGANS	93	29	65	23	21	104	41	122
BREAST	20	5	17	10	8	26	8	25
GENITAL ORGANS	37	13	28	8	12	49	20	33
URINARY ORGANS	14	5	14	7	3	11	2	17
LEUKEMIA	10	5	6	3	5	16	5	12
OTHER MALIG. NEOPL.	84	27	48	24	24	54	41	76
DIABETES MELLITUS	46	11	28	8	10	28	14	21
MAJOR CARDIOVASC. DISEASE	667	255	586	289	261	674	266	806
DISEASES OF HEART	531	189	464	241	201	518	206	653
RHEUMATIC FEVER & RHEUM. HEART DISEASE	4	0	2	0	1	1	0	2
HYPERTENSIVE HEART	8	2	5	4	1	20	2	4
ISCHEMIC HEART	377	131	335	126	124	326	160	504
OTHER HEART DISEASE	142	56	122	111	75	171	44	143
HYPERTENSION	3	0	1	1	2	6	2	4
CEREBROVASCULAR DISEASE	108	52	95	37	41	111	45	119
ATHEROSCLEROSIS	14	6	13	4	9	17	10	12
OTHER MAJOR CARDIOVASC.	11	8	13	6	8	22	3	18
PNEUMONIA & INFLUENZA	47	30	72	27	27	70	24	54
CHRONIC PULMONARY DISEASE	62	24	50	29	26	49	30	80
ULCER OF STOMACH	5	2	7	3	2	2	1	3
LIVER DISEASE & CIRRHOSIS	13	1	9	4	1	11	2	11
NEPHRITIS & NEPHROSIS	9	7	20	9	10	22	6	10
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	9	1	3	2	3	8	5	4
DISEASES OF EARLY INFANCY	7	2	7	1	0	2	5	5
SYMPTOMS & ILL-DEF. COND.	9	3	7	5	3	17	10	22
ALL OTHER DISEASES	138	51	110	44	53	164	38	189
ACCIDENTAL DEATHS	56	18	54	28	19	69	27	88
MOTOR VEHICLE	33	10	27	8	14	38	14	49
OTHER ACC. DEATHS	23	8	27	20	5	31	13	39
SUICIDE	11	8	16	7	7	20	13	26
HOMICIDE & LEGAL INTERV	5	1	0	0	1	2	2	8
ALL OTHER EXTERNAL CAUSES	4	0	1	1	2	1	2	2

TABLE 27A (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH  
RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1991

	KAYSIN- GER BASIN	SHOW-ME	SOUTH CEN. OZARK	MERAMEC	LAKE OF THE OZARKS	SOUTHEAST MISSOURI	BOOTHEEL	OZARK FOOTHILLS
ALL CAUSES	1,355	1,040	1,273	1,241	1,242	1,892	1,946	941
TUBERCULOSIS	0	1	0	0	1	0	0	1
AIDS	2	2	1	2	4	1	7	3
SYPHILIS	0	0	1	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	13	16	12	11	20	9	12	11
MALIGNANT NEOPLASMS	320	232	323	272	309	433	415	236
DIGESTIVE ORGANS	70	57	61	44	51	106	95	53
RESPIRATORY ORGANS	88	69	111	89	115	126	147	96
BREAST	20	18	23	21	24	43	36	15
GENITAL ORGANS	40	27	37	37	28	36	30	16
URINARY ORGANS	13	7	9	13	8	18	11	7
LEUKEMIA	21	8	8	9	11	17	10	7
OTHER MALIG. NEOPL.	68	46	74	59	72	87	86	42
DIABETES MELLITUS	34	22	19	17	30	38	37	31
MAJOR CARDIOVASC. DISEASE	624	496	586	577	542	917	945	389
DISEASES OF HEART	495	392	442	434	416	724	777	301
RHEUMATIC FEVER & RHEUM. HEART DISEASE	1	2	4	1	3	5	3	1
HYPERTENSIVE HEART	8	6	6	9	4	11	13	7
ISCHEMIC HEART	330	269	329	325	276	527	541	167
OTHER HEART DISEASE	156	115	103	99	133	181	220	126
HYPERTENSION	3	6	9	3	3	4	2	6
CEREBROVASCULAR DISEASE	93	79	110	114	96	140	145	66
ATHEROSCLEROSIS	15	7	12	10	16	29	6	5
OTHER MAJOR CARDIOVASC.	18	12	13	16	11	20	15	11
PNEUMONIA & INFLUENZA	48	42	45	49	45	85	55	43
CHRONIC PULMONARY DISEASE	59	46	42	47	64	81	95	54
ULCER OF STOMACH	6	3	2	4	0	3	5	4
LIVER DISEASE & CIRRHOSIS	10	4	11	7	8	8	14	4
NEPHRITIS & NEPHROSIS	17	6	16	20	14	21	24	8
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	1	0	0
CONGENITAL ANOMALIES	6	5	4	9	7	5	8	2
DISEASES OF EARLY INFANCY	5	6	5	3	12	8	11	2
SYMPTOMS & ILL-DEF. COND.	8	3	8	25	6	9	15	7
ALL OTHER DISEASES	127	93	109	117	87	165	187	78
ACCIDENTAL DEATHS	55	43	63	59	67	73	79	50
MOTOR VEHICLE	33	24	39	32	35	43	43	31
OTHER ACC. DEATHS	22	19	24	27	32	30	36	19
SUICIDE	16	15	14	14	18	25	20	11
HOMICIDE & LEGAL INTERV	3	3	8	8	4	9	14	5
ALL OTHER EXTERNAL CAUSES	2	2	4	0	4	1	3	2

TABLE 27B

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	ADAIR	ANDREW	ATCHISON	AUDRAIN	BARRY	BARTON	BATES	BENTON
ALL CAUSES	250	166	101	290	297	136	180	219
TUBERCULOSIS	0	0	0	1	0	0	0	0
AIDS	0	0	0	0	0	0	1	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	3	1	0	3	2	3	2	2
MALIGNANT NEOPLASMS	56	39	22	66	62	28	44	60
DIGESTIVE ORGANS	14	6	4	17	15	9	11	12
RESPIRATORY ORGANS	11	11	5	17	16	14	8	18
BREAST	6	2	1	3	3	1	6	3
GENITAL ORGANS	9	4	2	12	7	1	7	7
URINARY ORGANS	0	4	4	4	3	0	1	3
LEUKEMIA	4	2	2	4	5	0	4	3
OTHER MALIG. NEOPL.	12	10	4	9	13	3	7	14
DIABETES MELLITUS	3	3	1	6	6	2	6	9
MAJOR CARDIOVASC. DISEASE	113	78	51	142	129	67	82	80
DISEASES OF HEART	87	69	35	119	103	55	66	67
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	0	0	0	0	0	0	0
HYPERTENSIVE HEART	1	1	0	2	1	0	0	1
ISCHEMIC HEART	49	47	25	85	80	42	44	46
OTHER HEART DISEASE	37	21	10	32	22	13	22	20
HYPERTENSION	0	0	0	3	3	0	0	0
CEREBROVASCULAR DISEASE	18	6	12	18	18	9	9	9
ATHEROSCLEROSIS	3	1	3	2	1	1	5	1
OTHER MAJOR CARDIOVASC.	5	2	1	0	4	2	2	3
PNEUMONIA & INFLUENZA	14	5	4	5	11	8	3	12
CHRONIC PULMONARY DISEASE	17	7	3	15	17	5	9	9
ULCER OF STOMACH	0	1	1	1	0	1	0	0
LIVER DISEASE & CIRRHOSIS	0	0	0	1	3	0	1	0
NEPHRITIS & NEPHROSIS	5	0	0	1	2	1	1	3
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	2	1	0	1	4	0	2	0
DISEASES OF EARLY INFANCY	0	4	1	2	1	0	1	1
SYMPTOMS & ILL-DEF. COND.	3	1	1	4	3	2	3	1
ALL OTHER DISEASES	22	13	12	33	37	9	18	25
ACCIDENTAL DEATHS	8	10	4	7	14	6	3	13
MOTOR VEHICLE	6	7	4	4	8	5	3	11
OTHER ACC. DEATHS	2	3	0	3	6	1	0	2
SUICIDE	4	1	1	2	5	3	4	2
HOMICIDE & LEGAL INTERV	0	0	0	0	1	1	0	1
ALL OTHER EXTERNAL CAUSES	0	2	0	0	0	0	0	1

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	BOLLINGER	BOONE	BUCHANAN	BUTLER	CALDWELL	CALLAWAY	CAMDEN	CAPE GIRARDEAU
ALL CAUSES	121	681	962	490	120	281	280	576
TUBERCULOSIS	0	2	0	1	1	0	0	0
AIDS	0	6	3	1	0	1	1	1
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	1	12	12	7	2	6	6	3
MALIGNANT NEOPLASMS	20	146	225	125	17	69	80	128
DIGESTIVE ORGANS	7	23	52	36	4	11	9	35
RESPIRATORY ORGANS	5	40	68	49	5	20	39	32
BREAST	1	18	16	5	2	6	5	16
GENITAL ORGANS	1	23	22	8	2	10	10	11
URINARY ORGANS	2	5	8	3	1	5	1	2
LEUKEMIA	0	5	5	2	1	2	3	2
OTHER MALIG. NEOPL.	4	32	54	22	2	15	13	30
DIABETES MELLITUS	6	24	35	17	1	4	4	5
MAJOR CARDIOVASC. DISEASE	62	244	435	205	65	108	115	305
DISEASES OF HEART	46	186	334	154	51	81	88	225
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	5	2	0	0	0	0	2
HYPERTENSIVE HEART	0	7	5	5	1	0	0	1
ISCHEMIC HEART	38	122	244	89	36	61	62	163
OTHER HEART DISEASE	8	52	83	60	14	20	26	59
HYPERTENSION	1	4	2	5	0	3	1	0
CEREBROVASCULAR DISEASE	14	43	80	38	11	18	19	53
ATHEROSCLEROSIS	1	4	12	3	1	1	4	20
OTHER MAJOR CARDIOVASC.	0	7	7	5	2	5	3	7
PNEUMONIA & INFLUENZA	2	16	27	22	8	14	8	29
CHRONIC PULMONARY DISEASE	4	40	43	30	2	15	9	23
ULCER OF STOMACH	0	1	2	3	1	0	0	1
LIVER DISEASE & CIRRHOSIS	0	5	13	1	0	2	2	4
NEPHRITIS & NEPHROSIS	2	9	6	2	5	3	7	6
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	9	7	0	1	0	1	2
DISEASES OF EARLY INFANCY	0	7	3	2	0	2	2	3
SYMPTOMS & ILL-DEF. COND.	0	9	7	3	2	1	1	2
ALL OTHER DISEASES	13	98	97	44	8	41	17	33
ACCIDENTAL DEATHS	7	32	33	19	7	11	20	19
MOTOR VEHICLE	3	17	17	9	4	9	7	8
OTHER ACC. DEATHS	4	15	16	10	3	2	13	11
SUICIDE	3	14	9	5	0	4	5	11
HOMICIDE & LEGAL INTERV	1	5	4	1	0	0	1	1
ALL OTHER EXTERNAL CAUSES	0	2	1	2	0	0	1	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	CARROLL	CARTER	CASS	CEDAR	CHARITON	CHRISTIAN	CLARK	CLAY
ALL CAUSES	132	79	497	197	134	239	95	1,096
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	0	0	5	0	1	1	1	10
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	0	6	3	1	0	0	17
MALIGNANT NEOPLASMS	24	19	113	33	24	53	13	280
DIGESTIVE ORGANS	6	2	21	11	5	10	6	64
RESPIRATORY ORGANS	5	8	34	7	5	21	3	81
BREAST	4	3	6	2	2	4	0	31
GENITAL ORGANS	0	3	15	5	1	5	2	26
URINARY ORGANS	4	1	7	1	0	1	0	7
LEUKEMIA	0	1	5	2	2	3	0	12
OTHER MALIG. NEOPL.	5	1	25	5	9	9	2	59
DIABETES MELLITUS	1	2	10	4	4	5	0	21
MAJOR CARDIOVASC. DISEASE	71	35	212	107	66	112	57	471
DISEASES OF HEART	66	26	155	81	57	96	50	390
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	0	0	0	0	1	1
HYPERTENSIVE HEART	1	0	5	3	2	0	0	12
ISCHEMIC HEART	37	8	113	48	30	54	34	262
OTHER HEART DISEASE	28	18	37	30	25	42	15	115
HYPERTENSION	0	0	0	0	0	0	0	5
CEREBROVASCULAR DISEASE	4	7	46	19	6	11	7	60
ATHEROSCLEROSIS	1	0	2	4	2	0	0	7
OTHER MAJOR CARDIOVASC.	0	2	9	3	1	5	0	9
PNEUMONIA & INFLUENZA	7	3	30	9	8	6	3	35
CHRONIC PULMONARY DISEASE	6	2	28	7	7	8	2	47
ULCER OF STOMACH	0	0	0	0	1	2	2	2
LIVER DISEASE & CIRRHOSIS	0	2	4	1	0	5	1	7
NEPHRITIS & NEPHROSIS	1	1	6	4	3	4	0	8
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	2	2	1	0	0	0	9
DISEASES OF EARLY INFANCY	0	0	2	1	1	1	0	4
SYMPTOMS & ILL-DEF. COND.	1	1	4	2	1	1	0	3
ALL OTHER DISEASES	11	3	41	13	9	21	9	119
ACCIDENTAL DEATHS	7	8	25	10	8	12	4	39
MOTOR VEHICLE	2	6	16	3	2	11	3	22
OTHER ACC. DEATHS	5	2	9	7	6	1	1	17
SUICIDE	1	1	8	2	0	7	0	22
HOMICIDE & LEGAL INTERV	0	0	1	0	0	1	1	1
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	2	1

TABLE 27B (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	CLINTON	COLE	COOPER	CRAWFORD	DADE	DALLAS	DAVIESS	DE KALB
ALL CAUSES	187	520	185	240	102	170	139	119
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	0	1	0	1	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	5	3	0	1	2	0	0
MALIGNANT NEOPLASMS	37	107	44	58	30	37	31	27
DIGESTIVE ORGANS	5	21	11	8	5	8	13	7
RESPIRATORY ORGANS	9	22	7	20	7	13	9	5
BREAST	1	10	4	5	3	1	3	1
GENITAL ORGANS	9	13	8	5	2	5	0	2
URINARY ORGANS	1	4	2	3	6	2	3	1
LEUKEMIA	1	8	6	2	3	4	1	2
OTHER MALIG. NEOPL.	11	29	6	15	4	4	2	9
DIABETES MELLITUS	5	12	2	2	1	2	1	3
MAJOR CARDIOVASC. DISEASE	102	265	72	112	40	74	69	52
DISEASES OF HEART	83	208	55	84	29	46	52	45
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	2	4	0	0	2	0	1	0
HYPERTENSIVE HEART	1	5	0	2	0	1	0	1
ISCHEMIC HEART	53	150	45	69	18	30	40	33
OTHER HEART DISEASE	27	49	10	13	9	15	11	11
HYPERTENSION	1	2	2	0	0	0	1	0
CEREBROVASCULAR DISEASE	17	44	13	25	10	21	14	5
ATHEROSCLEROSIS	1	5	1	0	0	3	0	0
OTHER MAJOR CARDIOVASC.	0	6	1	3	1	4	2	2
PNEUMONIA & INFLUENZA	8	19	6	10	4	1	7	7
CHRONIC PULMONARY DISEASE	7	14	17	3	6	14	5	5
ULCER OF STOMACH	1	1	0	0	0	1	1	1
LIVER DISEASE & CIRRHOSIS	0	10	0	1	0	1	2	0
NEPHRITIS & NEPHROSIS	2	1	4	4	2	3	2	1
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	3	1	1	0	2	0	1
DISEASES OF EARLY INFANCY	0	5	0	0	0	1	5	0
SYMPTOMS & ILL-DEF. COND.	0	0	0	1	4	1	1	1
ALL OTHER DISEASES	15	42	23	28	9	17	6	13
ACCIDENTAL DEATHS	5	22	7	15	4	11	8	8
MOTOR VEHICLE	3	11	1	3	0	6	6	6
OTHER ACC. DEATHS	2	11	6	12	4	5	2	2
SUICIDE	1	12	5	2	1	2	1	0
HOMICIDE & LEGAL INTERV	1	1	1	2	0	1	0	0
ALL OTHER EXTERNAL CAUSES	1	0	0	0	0	0	0	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	DENT	DOUGLAS	DUNKLIN	FRANKLIN	GASCONADE	GENTRY	GREENE	GRUNDY
ALL CAUSES	183	148	436	729	182	120	1,886	172
TUBERCULOSIS	0	0	0	0	0	0	3	0
AIDS	1	0	1	4	0	0	25	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	3	1	3	4	2	0	31	4
MALIGNANT NEOPLASMS	43	45	88	163	41	18	445	33
DIGESTIVE ORGANS	8	8	19	39	7	7	103	5
RESPIRATORY ORGANS	13	13	30	53	14	5	133	9
BREAST	2	3	7	17	3	0	33	4
GENITAL ORGANS	9	7	8	15	6	1	49	6
URINARY ORGANS	1	0	2	4	1	0	14	2
LEUKEMIA	3	2	1	4	0	1	18	0
OTHER MALIG. NEOPL.	7	12	21	31	10	4	95	7
DIABETES MELLITUS	1	3	8	8	3	3	37	4
MAJOR CARDIOVASC. DISEASE	82	54	222	316	96	71	841	73
DISEASES OF HEART	58	35	182	252	70	50	638	52
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	1	1	1	0	0	5	0
HYPERTENSIVE HEART	0	0	2	5	2	0	10	1
ISCHEMIC HEART	47	20	129	182	52	35	440	40
OTHER HEART DISEASE	11	14	50	64	16	15	183	11
HYPERTENSION	0	3	0	2	0	0	3	0
CEREBROVASCULAR DISEASE	20	15	36	53	18	16	157	17
ATHEROSCLEROSIS	1	1	2	3	6	1	18	2
OTHER MAJOR CARDIOVASC.	3	0	2	6	2	4	25	2
PNEUMONIA & INFLUENZA	10	6	15	34	4	1	53	17
CHRONIC PULMONARY DISEASE	4	1	26	26	5	6	98	6
ULCER OF STOMACH	0	0	0	0	0	0	4	1
LIVER DISEASE & CIRRHOSIS	0	1	3	7	1	0	16	0
NEPHRITIS & NEPHROSIS	2	4	2	9	2	2	17	3
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	0	0	5	1	0	8	0
DISEASES OF EARLY INFANCY	0	0	1	4	1	0	7	0
SYMPTOMS & ILL-DEF. COND.	0	4	2	27	1	0	13	0
ALL OTHER DISEASES	22	19	43	72	16	12	189	22
ACCIDENTAL DEATHS	7	7	12	39	8	6	70	6
MOTOR VEHICLE	4	5	6	23	5	2	42	4
OTHER ACC. DEATHS	3	2	6	16	3	4	28	2
SUICIDE	5	3	5	9	0	1	22	3
HOMICIDE & LEGAL INTERV	3	0	3	1	1	0	5	0
ALL OTHER EXTERNAL CAUSES	0	0	2	1	0	0	2	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	HARRISON	HENRY	HICKORY	HOLT	HOWARD	HOWELL	IRON	JACKSON
ALL CAUSES	147	278	107	67	109	406	184	6,200
TUBERCULOSIS	0	0	0	0	0	0	0	3
AIDS	0	1	0	0	2	0	0	88
SYPHILIS	0	0	0	0	0	1	0	0
RESIDUAL OF INFECT. DIS.	0	2	1	0	0	5	1	112
MALIGNANT NEOPLASMS	27	61	27	12	27	91	46	1,407
DIGESTIVE ORGANS	5	12	7	3	7	19	13	292
RESPIRATORY ORGANS	10	19	7	3	7	38	13	416
BREAST	0	2	1	1	1	5	2	139
GENITAL ORGANS	3	9	2	1	1	5	2	162
URINARY ORGANS	2	1	2	1	1	1	3	64
LEUKEMIA	0	1	2	0	0	1	2	45
OTHER MALIG. NEOPL.	7	17	6	3	10	22	11	289
DIABETES MELLITUS	3	4	4	1	5	2	4	143
MAJOR CARDIOVASC. DISEASE	81	142	40	32	35	215	73	2,548
DISEASES OF HEART	74	115	32	25	22	166	58	1,967
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	0	0	0	1	1	0	10
HYPERTENSIVE HEART	0	0	1	0	0	2	1	90
ISCHEMIC HEART	55	95	20	18	16	129	37	1,349
OTHER HEART DISEASE	19	20	11	7	5	34	20	518
HYPERTENSION	0	1	0	0	0	2	0	33
CEREBROVASCULAR DISEASE	4	21	4	6	8	40	8	410
ATHEROSCLEROSIS	1	2	1	0	4	3	3	64
OTHER MAJOR CARDIOVASC.	2	3	3	1	1	4	4	74
PNEUMONIA & INFLUENZA	5	8	2	8	7	12	15	220
CHRONIC PULMONARY DISEASE	4	12	10	3	5	16	11	284
ULCER OF STOMACH	1	1	0	0	1	1	1	24
LIVER DISEASE & CIRRHOSIS	1	3	2	1	1	4	0	64
NEPHRITIS & NEPHROSIS	1	3	0	1	1	2	1	69
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	1	1	1	0	1	1	32
DISEASES OF EARLY INFANCY	1	1	0	0	0	3	2	52
SYMPTOMS & ILL-DEF. COND.	1	0	0	0	0	1	1	49
ALL OTHER DISEASES	11	24	13	7	21	34	15	610
ACCIDENTAL DEATHS	6	12	5	1	4	12	11	230
MOTOR VEHICLE	2	8	2	0	2	8	8	114
OTHER ACC. DEATHS	4	4	3	1	2	4	3	116
SUICIDE	5	3	2	0	0	2	2	115
HOMICIDE & LEGAL INTERV	0	0	0	0	0	4	0	137
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	13

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	JASPER	JEFFERSON	JOHNSON	KNOX	LACLEDE	LAFAYETTE	LAWRENCE	LEWIS
ALL CAUSES	999	1,174	278	63	267	372	312	105
TUBERCULOSIS	0	1	0	0	0	0	0	0
AIDS	9	4	1	0	1	1	0	1
SYPHILIS	0	1	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	7	4	1	1	2	5	3	1
MALIGNANT NEOPLASMS	199	290	68	11	76	72	65	16
DIGESTIVE ORGANS	45	58	15	2	14	22	13	2
RESPIRATORY ORGANS	67	99	16	2	27	22	14	3
BREAST	12	24	4	0	6	6	8	1
GENITAL ORGANS	19	37	10	1	8	9	8	3
URINARY ORGANS	11	11	6	0	4	0	2	0
LEUKEMIA	10	13	2	1	0	1	6	1
OTHER MALIG. NEOPL.	35	48	15	5	17	12	14	6
DIABETES MELLITUS	13	26	6	1	5	8	9	3
MAJOR CARDIOVASC. DISEASE	468	525	153	33	123	183	153	52
DISEASES OF HEART	387	447	126	22	95	149	117	41
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	2	3	0	0	0	0	1	0
HYPERTENSIVE HEART	4	8	0	0	1	5	0	0
ISCHEMIC HEART	298	346	104	12	61	96	93	30
OTHER HEART DISEASE	83	90	22	10	33	48	23	11
HYPERTENSION	3	4	2	2	0	2	0	0
CEREBROVASCULAR DISEASE	62	55	21	7	26	24	30	11
ATHEROSCLEROSIS	5	6	2	0	2	4	2	0
OTHER MAJOR CARDIOVASC.	11	13	2	2	0	4	4	0
PNEUMONIA & INFLUENZA	28	42	3	4	11	16	8	4
CHRONIC PULMONARY DISEASE	61	49	10	2	12	16	11	4
ULCER OF STOMACH	2	1	1	0	0	1	1	1
LIVER DISEASE & CIRRHOSIS	9	11	0	0	0	3	5	0
NEPHRITIS & NEPHROSIS	7	12	1	2	1	1	0	1
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	2	10	2	0	0	1	2	0
DISEASES OF EARLY INFANCY	4	7	2	0	1	0	1	0
SYMPTOMS & ILL-DEF. COND.	7	8	1	0	0	0	1	0
ALL OTHER DISEASES	115	78	13	8	22	40	34	10
ACCIDENTAL DEATHS	49	70	11	1	8	21	14	11
MOTOR VEHICLE	28	46	6	1	2	11	6	7
OTHER ACC. DEATHS	21	24	5	0	6	10	8	4
SUICIDE	18	23	2	0	3	3	5	1
HOMICIDE & LEGAL INTERV	0	11	1	0	2	1	0	0
ALL OTHER EXTERNAL CAUSES	1	1	2	0	0	0	0	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	LINCOLN	LINN	LIVINGSTON	MC DONALD	MACON	MADISON	MARIES	MARION
ALL CAUSES	247	219	200	181	241	145	90	346
TUBERCULOSIS	1	0	0	0	0	0	0	0
AIDS	0	0	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	3	3	2	5	2	1	4
MALIGNANT NEOPLASMS	71	49	47	48	56	38	12	73
DIGESTIVE ORGANS	17	13	12	12	19	7	3	10
RESPIRATORY ORGANS	23	12	11	10	16	16	2	30
BREAST	4	5	2	6	4	3	1	8
GENITAL ORGANS	8	5	6	4	12	3	2	9
URINARY ORGANS	0	2	3	2	0	1	1	4
LEUKEMIA	3	2	1	0	3	3	1	5
OTHER MALIG. NEOPL.	16	10	12	14	2	5	2	7
DIABETES MELLITUS	4	6	7	3	3	7	3	6
MAJOR CARDIOVASC. DISEASE	104	114	77	83	107	60	51	183
DISEASES OF HEART	75	87	59	72	85	55	33	133
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	0	0	0	0	1	0	1
HYPERTENSIVE HEART	1	2	1	0	6	2	0	1
ISCHEMIC HEART	56	60	46	59	58	33	20	72
OTHER HEART DISEASE	18	25	12	13	21	19	13	59
HYPERTENSION	0	0	0	0	0	0	1	1
CEREBROVASCULAR DISEASE	21	24	18	10	14	4	15	38
ATHEROSCLEROSIS	7	0	0	0	3	1	1	5
OTHER MAJOR CARDIOVASC.	1	3	0	1	5	0	1	6
PNEUMONIA & INFLUENZA	9	9	16	7	14	5	3	10
CHRONIC PULMONARY DISEASE	12	9	14	2	5	6	4	10
ULCER OF STOMACH	0	1	1	0	0	0	1	0
LIVER DISEASE & CIRRHOSIS	1	2	1	0	2	0	0	1
NEPHRITIS & NEPHROSIS	3	1	4	0	2	1	1	5
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	1	0	0
CONGENITAL ANOMALIES	2	0	1	0	2	0	0	2
DISEASES OF EARLY INFANCY	3	0	0	0	0	0	0	1
SYMPTOMS & ILL-DEF. COND.	2	0	1	2	0	0	0	4
ALL OTHER DISEASES	10	14	22	16	35	17	7	26
ACCIDENTAL DEATHS	13	7	6	14	9	7	5	14
MOTOR VEHICLE	7	4	2	9	6	6	4	9
OTHER ACC. DEATHS	6	3	4	5	3	1	1	5
SUICIDE	8	4	0	1	1	0	2	6
HOMICIDE & LEGAL INTERV	0	0	0	3	0	1	0	0
ALL OTHER EXTERNAL CAUSES	2	0	0	0	0	0	0	1

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	MERCER	MILLER	MISSISS- SIPPI	MONITEAU	MONROE	MONTGOMERY	MORGAN	NEW MADRID
ALL CAUSES	60	212	187	146	98	168	236	240
TUBERCULOSIS	0	0	0	0	0	0	1	0
AIDS	0	0	0	0	0	1	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	3	3	1	0	1	0	4	2
MALIGNANT NEOPLASMS	10	45	38	34	16	37	54	47
DIGESTIVE ORGANS	1	9	11	7	5	10	11	10
RESPIRATORY ORGANS	3	14	17	13	2	6	21	16
BREAST	0	6	3	2	2	2	3	3
GENITAL ORGANS	2	3	1	1	4	4	2	2
URINARY ORGANS	0	0	0	1	0	2	0	1
LEUKEMIA	1	3	1	1	1	1	1	2
OTHER MALIG. NEOPL.	3	10	5	9	2	12	16	13
DIABETES MELLITUS	1	6	3	3	4	5	10	5
MAJOR CARDIOVASC. DISEASE	28	96	97	80	43	86	109	113
DISEASES OF HEART	24	80	78	62	31	66	72	92
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	1	0	0	0	0	2	0
HYPERTENSIVE HEART	0	1	2	1	0	1	1	1
ISCHEMIC HEART	16	57	52	43	21	53	58	65
OTHER HEART DISEASE	8	21	24	18	10	12	11	26
HYPERTENSION	0	0	1	0	1	2	2	0
CEREBROVASCULAR DISEASE	2	9	16	13	9	14	29	20
ATHEROSCLEROSIS	2	3	1	0	1	3	4	0
OTHER MAJOR CARDIOVASC.	0	4	1	5	1	1	2	1
PNEUMONIA & INFLUENZA	5	7	5	1	11	7	6	10
CHRONIC PULMONARY DISEASE	0	14	11	3	2	8	18	8
ULCER OF STOMACH	0	0	0	1	1	1	0	2
LIVER DISEASE & CIRRHOSIS	2	2	0	1	1	1	2	0
NEPHRITIS & NEPHROSIS	1	0	3	2	0	1	4	7
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	1	2	1	1	2	0	3
DISEASES OF EARLY INFANCY	0	1	1	0	0	0	3	3
SYMPTOMS & ILL-DEF. COND.	0	1	1	0	1	3	0	0
ALL OTHER DISEASES	7	16	18	8	12	8	15	27
ACCIDENTAL DEATHS	2	15	6	9	2	6	5	12
MOTOR VEHICLE	2	11	4	5	2	3	2	8
OTHER ACC. DEATHS	0	4	2	4	0	3	3	4
SUICIDE	1	2	1	1	2	0	5	0
HOMICIDE & LEGAL INTERV	0	1	0	2	1	2	0	1
ALL OTHER EXTERNAL CAUSES	0	2	0	0	0	0	0	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	NEWTON	NODAWAY	OREGON	OSAGE	OZARK	PEMISCOT	PERRY	PETTIS
ALL CAUSES	408	210	138	129	96	304	180	390
TUBERCULOSIS	1	0	0	0	0	0	0	1
AIDS	2	0	0	0	0	3	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	2	3	4	0	1	0	10
MALIGNANT NEOPLASMS	94	46	24	25	32	70	44	92
DIGESTIVE ORGANS	18	5	7	6	7	19	5	20
RESPIRATORY ORGANS	31	15	6	8	9	29	14	31
BREAST	6	3	1	1	2	5	4	8
GENITAL ORGANS	9	7	2	0	2	2	9	8
URINARY ORGANS	4	0	2	2	1	2	2	1
LEUKEMIA	2	2	0	1	2	2	1	5
OTHER MALIG. NEOPL.	24	14	6	7	9	11	9	19
DIABETES MELLITUS	3	5	3	2	4	2	5	8
MAJOR CARDIOVASC. DISEASE	188	94	77	67	32	147	102	160
DISEASES OF HEART	139	73	53	55	28	126	83	117
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	0	1	2	1	0	2	2
HYPERTENSIVE HEART	0	2	0	0	2	0	3	1
ISCHEMIC HEART	105	49	37	36	17	94	56	69
OTHER HEART DISEASE	34	22	15	17	8	32	22	45
HYPERTENSION	1	0	1	0	0	0	0	2
CEREBROVASCULAR DISEASE	38	18	20	11	4	19	17	34
ATHEROSCLEROSIS	6	1	1	1	0	0	0	1
OTHER MAJOR CARDIOVASC.	4	2	2	0	0	2	2	6
PNEUMONIA & INFLUENZA	11	15	2	3	3	7	3	23
CHRONIC PULMONARY DISEASE	12	10	4	5	5	13	7	20
ULCER OF STOMACH	0	1	0	1	0	1	0	1
LIVER DISEASE & CIRRHOSIS	2	0	1	1	1	3	0	1
NEPHRITIS & NEPHROSIS	2	4	4	0	2	5	0	4
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	2	0	2	1	0	0	0	2
DISEASES OF EARLY INFANCY	1	1	0	1	0	1	1	4
SYMPTOMS & ILL-DEF. COND.	11	1	0	0	0	6	2	2
ALL OTHER DISEASES	49	18	10	11	2	19	7	40
ACCIDENTAL DEATHS	19	6	6	7	9	16	8	11
MOTOR VEHICLE	7	3	5	0	4	5	4	7
OTHER ACC. DEATHS	12	3	1	7	5	11	4	4
SUICIDE	4	6	0	1	4	6	1	10
HOMICIDE & LEGAL INTERV	4	1	2	0	0	4	0	1
ALL OTHER EXTERNAL CAUSES	1	0	0	0	2	0	0	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	PHELPS	PIKE	PLATTE	POLK	PULASKI	PUTNAM	RALLS	RANDOLPH
ALL CAUSES	339	193	350	283	247	81	90	289
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	0	0	4	0	2	0	1	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	4	3	6	3	5	0	0	4
MALIGNANT NEOPLASMS	71	39	93	71	54	12	23	65
DIGESTIVE ORGANS	12	8	22	17	8	6	5	8
RESPIRATORY ORGANS	22	11	31	22	14	3	7	23
BREAST	9	4	10	8	4	0	2	3
GENITAL ORGANS	7	6	8	9	5	2	2	7
URINARY ORGANS	5	1	3	2	3	0	0	3
LEUKEMIA	2	2	3	3	4	0	0	4
OTHER MALIG. NEOPL.	14	7	16	10	16	1	7	17
DIABETES MELLITUS	4	5	4	11	5	1	1	5
MAJOR CARDIOVASC. DISEASE	150	77	136	122	99	39	37	118
DISEASES OF HEART	118	54	122	76	81	29	31	92
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	1	0	0	0	0	1	0	0
HYPERTENSIVE HEART	3	1	3	0	1	0	1	0
ISCHEMIC HEART	79	43	86	50	38	23	19	49
OTHER HEART DISEASE	35	10	33	26	42	5	11	43
HYPERTENSION	1	0	0	3	0	0	0	4
CEREBROVASCULAR DISEASE	23	17	7	28	13	5	3	17
ATHEROSCLEROSIS	2	4	3	11	3	5	0	1
OTHER MAJOR CARDIOVASC.	6	2	4	4	2	0	3	4
PNEUMONIA & INFLUENZA	12	6	12	7	13	1	5	17
CHRONIC PULMONARY DISEASE	22	14	17	12	11	5	4	10
ULCER OF STOMACH	1	0	0	1	0	1	0	0
LIVER DISEASE & CIRRHOSIS	2	1	1	1	2	0	1	4
NEPHRITIS & NEPHROSIS	6	4	6	5	2	1	2	5
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	4	1	3	3	5	1	0	2
DISEASES OF EARLY INFANCY	1	1	2	0	5	0	0	0
SYMPTOMS & ILL-DEF. COND.	20	6	1	5	4	1	0	6
ALL OTHER DISEASES	27	26	36	35	17	9	9	35
ACCIDENTAL DEATHS	11	7	15	3	19	8	5	14
MOTOR VEHICLE	5	3	9	1	13	2	4	3
OTHER ACC. DEATHS	6	4	6	2	6	6	1	11
SUICIDE	3	3	12	4	3	1	2	3
HOMICIDE & LEGAL INTERV	1	0	1	0	0	0	0	1
ALL OTHER EXTERNAL CAUSES	0	0	1	0	1	1	0	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	RAY	REYNOLDS	RIPLEY	ST CHARLES	ST CLAIR	ST FRANCOIS	STE GENEVIEVE	ST LOUIS CITY
ALL CAUSES	217	69	137	1,056	141	547	139	5,423
TUBERCULOSIS	0	0	0	0	0	0	0	3
AIDS	1	0	1	2	0	0	0	100
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	1	1	8	1	2	0	71
MALIGNANT NEOPLASMS	47	9	41	258	41	116	41	1,185
DIGESTIVE ORGANS	9	0	5	61	11	31	8	295
RESPIRATORY ORGANS	16	5	16	84	12	38	8	384
BREAST	2	0	5	19	1	14	3	94
GENITAL ORGANS	3	1	2	30	2	8	2	118
URINARY ORGANS	1	0	2	12	4	5	3	45
LEUKEMIA	3	0	4	15	4	4	5	33
OTHER MALIG. NEOPL.	13	3	7	37	7	16	12	216
DIABETES MELLITUS	4	6	5	18	3	10	1	158
MAJOR CARDIOVASC. DISEASE	112	27	61	468	56	259	56	2,191
DISEASES OF HEART	92	23	48	382	45	210	47	1,775
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	1	0	4	0	0	0	9
HYPERTENSIVE HEART	3	1	1	20	1	4	0	104
ISCHEMIC HEART	47	14	32	295	30	162	38	1,239
OTHER HEART DISEASE	42	7	15	63	14	44	9	423
HYPERTENSION	0	1	0	4	0	3	0	31
CEREBROVASCULAR DISEASE	16	3	10	62	11	36	8	300
ATHEROSCLEROSIS	1	0	1	9	0	4	0	21
OTHER MAJOR CARDIOVASC.	3	0	2	11	0	6	1	64
PNEUMONIA & INFLUENZA	2	5	8	42	6	23	8	200
CHRONIC PULMONARY DISEASE	8	5	2	35	4	26	4	182
ULCER OF STOMACH	0	0	0	2	3	1	0	7
LIVER DISEASE & CIRRHOSIS	2	0	0	16	2	3	1	56
NEPHRITIS & NEPHROSIS	3	1	2	8	4	7	4	69
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	2
CONGENITAL ANOMALIES	1	0	0	9	0	2	0	21
DISEASES OF EARLY INFANCY	1	0	0	9	0	2	0	78
SYMPTOMS & ILL-DEF. COND.	1	0	2	5	0	3	1	46
ALL OTHER DISEASES	21	8	7	85	15	68	12	571
ACCIDENTAL DEATHS	7	4	5	52	4	18	3	203
MOTOR VEHICLE	4	3	4	26	2	12	2	47
OTHER ACC. DEATHS	3	1	1	26	2	6	1	156
SUICIDE	3	2	1	31	2	5	3	53
HOMICIDE & LEGAL INTERV	2	1	1	8	0	1	5	218
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	1	0	9

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	ST LOUIS COUNTY	SALINE	SCHUYLER	SCOTLAND	SCOTT	SHANNON	SHELBY	STODDARD
ALL CAUSES	8,562	299	54	65	419	67	122	360
TUBERCULOSIS	3	0	0	0	0	0	0	0
AIDS	47	0	0	0	1	1	0	2
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	97	1	0	0	1	0	0	4
MALIGNANT NEOPLASMS	2,235	55	11	6	89	22	37	83
DIGESTIVE ORGANS	519	17	2	0	21	4	8	15
RESPIRATORY ORGANS	673	13	4	1	26	10	12	29
BREAST	209	4	1	1	8	1	2	10
GENITAL ORGANS	212	7	0	0	9	3	6	8
URINARY ORGANS	78	3	1	2	4	1	3	2
LEUKEMIA	96	1	0	0	4	0	0	0
OTHER MALIG. NEOPL.	448	10	3	2	17	3	6	19
DIABETES MELLITUS	179	3	5	1	12	0	1	7
MAJOR CARDIOVASC. DISEASE	3,716	152	21	37	207	27	57	159
DISEASES OF HEART	3,022	118	17	25	174	22	51	125
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	21	0	0	0	2	0	0	0
HYPERTENSIVE HEART	102	1	0	0	8	0	11	0
ISCHEMIC HEART	2,391	59	10	19	122	15	34	79
OTHER HEART DISEASE	508	58	7	6	42	7	6	46
HYPERTENSION	34	1	0	0	1	0	0	0
CEREBROVASCULAR DISEASE	516	27	2	7	25	4	2	29
ATHEROSCLEROSIS	38	1	2	4	2	0	3	1
OTHER MAJOR CARDIOVASC.	106	5	0	1	5	1	1	4
PNEUMONIA & INFLUENZA	330	12	1	5	7	2	3	11
CHRONIC PULMONARY DISEASE	303	16	3	2	20	1	0	17
ULCER OF STOMACH	26	2	0	0	1	0	0	1
LIVER DISEASE & CIRRHOSIS	73	4	0	0	3	0	1	5
NEPHRITIS & NEPHROSIS	68	5	2	1	3	2	3	4
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	35	2	1	0	3	0	0	0
DISEASES OF EARLY INFANCY	67	0	0	0	3	0	0	2
SYMPTOMS & ILL-DEF. COND.	44	3	0	0	4	1	0	2
ALL OTHER DISEASES	857	24	7	7	40	7	11	40
ACCIDENTAL DEATHS	279	13	1	5	17	3	7	16
MOTOR VEHICLE	105	4	1	3	8	2	4	12
OTHER ACC. DEATHS	174	9	0	2	9	1	3	4
SUICIDE	108	6	2	1	4	1	2	4
HOMICIDE & LEGAL INTERV	90	0	0	0	3	0	0	3
ALL OTHER EXTERNAL CAUSES	5	1	0	0	1	0	0	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	STONE	SULLIVAN	TANEY	TEXAS	VERNON	WARREN	WASHINGTON	WAYNE
ALL CAUSES	200	92	337	237	233	189	207	166
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	1	0	1	0	0	0	0	1
SYPHILIS	0	0	1	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	1	0	4	3	2	0	1	2
MALIGNANT NEOPLASMS	55	18	99	58	54	47	47	42
DIGESTIVE ORGANS	11	7	19	9	6	11	6	10
RESPIRATORY ORGANS	18	3	26	17	17	12	18	18
BREAST	5	1	10	7	5	2	1	2
GENITAL ORGANS	7	2	11	11	8	8	8	2
URINARY ORGANS	0	1	7	2	1	0	2	1
LEUKEMIA	2	0	3	1	5	1	1	0
OTHER MALIG. NEOPL.	12	4	23	11	12	13	11	9
DIABETES MELLITUS	4	4	6	5	4	5	4	1
MAJOR CARDIOVASC. DISEASE	83	40	136	102	117	76	86	61
DISEASES OF HEART	63	36	111	73	89	65	71	50
RHEUMATIC FEVER &								
RHEUM. HEART DISEASE	0	0	2	0	1	0	0	0
HYPERTENSIVE HEART	1	0	0	0	2	0	2	0
ISCHEMIC HEART	49	19	85	62	47	51	58	24
OTHER HEART DISEASE	13	17	24	11	39	14	11	26
HYPERTENSION	1	0	1	1	2	0	1	0
CEREBROVASCULAR DISEASE	16	0	14	23	20	10	13	8
ATHEROSCLEROSIS	1	2	1	2	2	0	0	1
OTHER MAJOR CARDIOVASC.	2	2	9	3	4	1	1	2
PNEUMONIA & INFLUENZA	7	4	7	11	8	8	10	5
CHRONIC PULMONARY DISEASE	15	5	9	8	8	10	9	15
ULCER OF STOMACH	0	0	0	0	2	0	2	1
LIVER DISEASE & CIRRHOSIS	2	1	6	3	1	0	3	1
NEPHRITIS & NEPHROSIS	1	2	4	2	2	2	5	2
COMPLICATIONS OF PREG.,								
CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	0	2	1	1	1	3	0
DISEASES OF EARLY INFANCY	0	1	3	0	1	2	1	0
SYMPTOMS & ILL-DEF. COND.	1	1	2	2	2	5	3	1
ALL OTHER DISEASES	15	11	33	23	19	20	17	16
ACCIDENTAL DEATHS	10	4	19	16	8	8	13	14
MOTOR VEHICLE	6	1	10	9	4	4	11	9
OTHER ACC. DEATHS	4	3	9	7	4	4	2	5
SUICIDE	4	1	2	2	1	5	2	2
HOMICIDE & LEGAL INTERV	1	0	3	0	2	0	1	2
ALL OTHER EXTERNAL CAUSES	0	0	0	1	1	0	0	0

TABLE 27B (CONT)

## RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1991

	WEBSTER	WORTH	WRIGHT
ALL CAUSES	222	22	181
TUBERCULOSIS	0	0	0
AIDS	2	0	0
SYPHILIS	0	0	0
RESIDUAL OF INFECT. DIS.	1	0	0
MALIGNANT NEOPLASMS	55	6	51
DIGESTIVE ORGANS	12	1	7
RESPIRATORY ORGANS	19	1	18
BREAST	5	0	4
GENITAL ORGANS	4	2	7
URINARY ORGANS	1	0	2
LEUKEMIA	3	0	2
OTHER MALIG. NEOPL.	11	2	11
DIABETES MELLITUS	2	1	2
MAJOR CARDIOVASC. DISEASE	93	7	79
DISEASES OF HEART	75	6	65
RHEUMATIC FEVER &			
RHEUM. HEART DISEASE	0	0	0
HYPERTENSIVE HEART	1	0	2
ISCHEMIC HEART	55	4	49
OTHER HEART DISEASE	19	2	14
HYPERTENSION	0	0	2
CEREBROVASCULAR DISEASE	12	0	4
ATHEROSCLEROSIS	1	1	5
OTHER MAJOR CARDIOVASC.	5	0	3
PNEUMONIA & INFLUENZA	13	2	9
CHRONIC PULMONARY DISEASE	9	2	7
ULCER OF STOMACH	0	0	1
LIVER DISEASE & CIRRHOSIS	1	0	1
NEPHRITIS & NEPHROSIS	2	0	0
COMPLICATIONS OF PREG.,			
CHILDBIRTH & PUERPERIUM	0	0	0
CONGENITAL ANOMALIES	2	0	0
DISEASES OF EARLY INFANCY	1	0	2
SYMPTOMS & ILL-DEF. COND.	4	1	0
ALL OTHER DISEASES	20	2	14
ACCIDENTAL DEATHS	10	1	10
MOTOR VEHICLE	6	1	6
OTHER ACC. DEATHS	4	0	4
SUICIDE	3	0	2
HOMICIDE & LEGAL INTERV	3	0	2
ALL OTHER EXTERNAL CAUSES	1	0	1

TABLE 27C

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH  
BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

	BLUE SPRINGS	CAPE GIRARDEAU	COLUMBIA	FLORISSANT	GLADSTONE	INDE- PENDENCE	JEFFERSON CITY	JOPLIN
ALL CAUSES	214	352	446	470	181	1,065	407	558
TUBERCULOSIS	0	0	1	0	0	1	0	0
AIDS	0	0	2	1	2	7	1	8
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	1	2	9	5	4	9	4	4
MALIGNANT NEOPLASMS	59	72	93	114	44	255	87	113
DIGESTIVE ORGANS	11	15	12	30	11	54	20	28
RESPIRATORY ORGANS	16	22	25	41	13	74	17	31
BREAST	6	5	14	7	6	24	8	8
GENITAL ORGANS	8	8	17	9	6	30	6	16
URINARY ORGANS	4	1	3	3	2	16	4	6
LEUKEMIA	0	1	2	6	1	10	6	5
OTHER MALIG. NEOPL.	14	20	20	18	5	47	26	19
DIABETES MELLITUS	5	4	19	12	1	23	8	9
MAJOR CARDIOVASC. DISEASE	82	190	155	215	81	473	212	259
DISEASES OF HEART	65	134	117	177	69	372	166	203
RHEUMATIC FEVER & RHEUM. HEART DISEASE	2	2	1	1	0	1	4	0
HYPERTENSIVE HEART	0	1	4	2	3	17	5	1
ISCHEMIC HEART	40	94	78	139	50	237	115	154
OTHER HEART DISEASE	23	37	34	35	16	117	42	48
HYPERTENSION	0	0	4	3	2	9	2	3
CEREBROVASCULAR DISEASE	11	34	26	26	9	73	35	41
ATHEROSCLEROSIS	3	18	2	0	1	7	4	5
OTHER MAJOR CARDIOVASC.	3	4	6	9	0	12	5	7
PNEUMONIA & INFLUENZA	11	20	13	20	5	41	17	8
CHRONIC PULMONARY DISEASE	13	13	23	14	9	55	12	37
ULCER OF STOMACH	1	0	1	1	0	7	1	1
LIVER DISEASE & CIRRHOSIS	4	3	2	6	2	6	8	7
NEPHRITIS & NEPHROSIS	4	3	6	2	2	15	1	4
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	2	1	7	3	1	5	1	2
DISEASES OF EARLY INFANCY	1	2	6	3	1	4	4	0
SYMPTOMS & ILL-DEF. COND.	3	2	7	0	0	5	0	3
ALL OTHER DISEASES	16	21	68	54	24	79	34	72
ACCIDENTAL DEATHS	7	13	17	11	0	42	10	20
MOTOR VEHICLE	6	6	8	4	0	23	3	8
OTHER ACC. DEATHS	1	7	9	7	0	19	7	12
SUICIDE	4	6	10	6	5	29	7	10
HOMICIDE & LEGAL INTERV	0	0	5	2	0	8	0	0
ALL OTHER EXTERNAL CAUSES	1	0	2	1	0	1	0	1

TABLE 27C (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH  
BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

	KANSAS CITY (TOT)	K.C. (JACKSON)	K.C. (CLAY)	K.C. (PLATTE)	K.C. (CASS)	KIRKWOOD	LEES SUMMIT	MARYLAND HEIGHTS
ALL CAUSES	4,437	3,860	424	153	0	290	362	177
TUBERCULOSIS	2	2	0	0	0	0	0	0
AIDS	81	74	5	2	0	0	1	3
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	79	73	4	2	0	3	14	4
MALIGNANT NEOPLASMS	1,030	861	124	45	0	75	57	55
DIGESTIVE ORGANS	233	190	31	12	0	16	16	15
RESPIRATORY ORGANS	308	259	36	13	0	25	13	16
BREAST	97	75	17	5	0	4	9	3
GENITAL ORGANS	111	98	8	5	0	11	7	1
URINARY ORGANS	37	35	1	1	0	1	1	3
LEUKEMIA	43	32	8	3	0	3	1	3
OTHER MALIG. NEOPL.	201	172	23	6	0	15	10	14
DIABETES MELLITUS	105	93	9	3	0	5	4	1
MAJOR CARDIOVASC. DISEASE	1,750	1,533	167	50	0	125	184	76
DISEASES OF HEART	1,343	1,159	141	43	0	101	148	64
RHEUMATIC FEVER & RHEUM. HEART DISEASE	6	6	0	0	0	0	1	1
HYPERTENSIVE HEART	68	65	2	1	0	3	1	2
ISCHEMIC HEART	930	798	102	30	0	83	100	50
OTHER HEART DISEASE	339	290	37	12	0	15	46	11
HYPERTENSION	21	19	2	0	0	1	2	0
CEREBROVASCULAR DISEASE	283	262	18	3	0	21	24	10
ATHEROSCLEROSIS	52	49	3	0	0	0	2	0
OTHER MAJOR CARDIOVASC.	51	44	3	4	0	2	8	2
PNEUMONIA & INFLUENZA	147	130	11	6	0	13	22	4
CHRONIC PULMONARY DISEASE	189	161	21	7	0	12	8	7
ULCER OF STOMACH	15	15	0	0	0	1	0	0
LIVER DISEASE & CIRRHOSIS	45	44	0	1	0	1	4	0
NEPHRITIS & NEPHROSIS	46	41	3	2	0	4	0	3
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	25	19	6	0	0	2	1	1
DISEASES OF EARLY INFANCY	49	46	2	1	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	36	35	1	0	0	2	4	1
ALL OTHER DISEASES	463	401	42	20	0	35	44	17
ACCIDENTAL DEATHS	160	133	20	7	0	7	17	4
MOTOR VEHICLE	78	61	12	5	0	2	8	3
OTHER ACC. DEATHS	82	72	8	2	0	5	9	1
SUICIDE	77	63	8	6	0	4	2	1
HOMICIDE & LEGAL INTERV	128	126	1	1	0	1	0	0
ALL OTHER EXTERNAL CAUSES	10	10	0	0	0	0	0	0

TABLE 27C (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH  
BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1991

	RAYTOWN	ST CHARLES	ST JOSEPH	ST LOUIS CITY	ST PETERS	SPRING- FIELD	UNIVERSITY CITY
ALL CAUSES	306	391	871	5,423	146	1,508	381
TUBERCULOSIS	0	0	0	3	0	3	0
AIDS	3	1	0	100	1	24	2
SYPHILIS	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	4	4	11	71	1	29	5
MALIGNANT NEOPLASMS	80	100	208	1,185	35	353	104
DIGESTIVE ORGANS	9	26	49	295	6	80	23
RESPIRATORY ORGANS	25	33	64	384	12	102	30
BREAST	12	6	14	94	4	26	7
GENITAL ORGANS	8	11	20	118	3	38	10
URINARY ORGANS	0	7	7	45	1	11	4
LEUKEMIA	2	5	4	33	4	16	6
OTHER MALIG. NEOPL.	24	12	50	216	5	80	24
DIABETES MELLITUS	7	10	33	158	0	29	13
MAJOR CARDIOVASC. DISEASE	136	176	393	2,191	64	674	155
DISEASES OF HEART	100	143	301	1,775	51	505	120
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	0	9	1	3	3
HYPERTENSIVE HEART	5	8	5	104	2	6	5
ISCHEMIC HEART	74	120	219	1,239	41	347	90
OTHER HEART DISEASE	21	15	77	423	7	149	22
HYPERTENSION	2	1	2	31	1	3	2
CEREBROVASCULAR DISEASE	26	23	74	300	7	133	27
ATHEROSCLEROSIS	1	4	10	21	1	13	1
OTHER MAJOR CARDIOVASC.	7	5	6	64	4	20	5
PNEUMONIA & INFLUENZA	7	15	23	200	5	47	12
CHRONIC PULMONARY DISEASE	15	14	40	182	3	79	7
ULCER OF STOMACH	1	2	2	7	0	4	1
LIVER DISEASE & CIRRHOSIS	0	5	13	56	1	12	3
NEPHRITIS & NEPHROSIS	5	2	6	69	0	16	4
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	2	0	0	0
CONGENITAL ANOMALIES	1	4	7	21	1	5	2
DISEASES OF EARLY INFANCY	0	2	3	78	1	6	8
SYMPTOMS & ILL-DEF. COND.	0	1	7	46	1	10	4
ALL OTHER DISEASES	35	30	92	571	16	153	39
ACCIDENTAL DEATHS	6	10	23	203	12	44	12
MOTOR VEHICLE	2	3	9	47	9	25	3
OTHER ACC. DEATHS	4	7	14	156	3	19	9
SUICIDE	6	12	7	53	4	16	1
HOMICIDE & LEGAL INTERV	0	3	2	218	1	3	9
ALL OTHER EXTERNAL CAUSES	0	0	1	9	0	1	0

TABLE 28

## RECORDED DEATHS BY TYPE OF ACCIDENT, AGE AND SEX: MISSOURI 1991

	ALL AGES		0-4		5-14		15-24		25-44		45-64		65-74		OVER 74	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
GRAND TOTAL	1,449	721	47	32	58	26	313	102	448	149	221	73	128	67	234	272
WORK TOTAL	75	1	0	0	0	0	6	0	22	1	34	0	9	0	4	0
AGRICULTURE	25	1	0	0	0	0	0	0	1	1	12	0	8	0	4	0
MINING, QUARRYING, OIL & GAS WELLS	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
CONSTRUCTION	13	0	0	0	0	0	2	0	6	0	5	0	0	0	0	0
MANUFACTURING	10	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0
TRANSPORTATION & PUBLIC UTILITIES	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
TRADE	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
SERVICE	5	0	0	0	0	0	0	0	2	0	2	0	1	0	0	0
GOVERNMENT	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
OTHER & UNSPECIFIED	15	0	0	0	0	0	2	0	6	0	7	0	0	0	0	0
HOME TOTAL	332	189	27	19	21	9	31	8	85	30	48	13	35	20	85	90
POISONINGS (GAS EXCEPTED)	49	16	0	0	0	0	5	1	38	12	6	2	0	0	0	1
POISONINGS BY GASES & VAPORS	16	5	1	1	1	0	1	0	8	0	2	0	1	1	2	3
FALLS	89	90	0	0	0	1	0	0	3	3	14	6	19	13	53	67
FIRES	59	44	15	10	9	4	2	5	12	9	8	2	5	3	8	11
DROWNING	19	5	5	1	2	0	2	0	3	2	3	1	1	1	3	0
SUFFOCATION, INGESTED FOOD/OBJECT	12	5	2	1	0	0	0	0	2	3	2	0	0	1	6	0
SUFFOCATION, MECHANICAL	10	9	3	5	2	2	1	0	3	0	1	0	0	0	0	2
FIREARMS	27	3	0	0	5	1	13	1	5	0	3	0	1	0	0	1
OTHER & UNSPECIFIED	51	12	1	1	2	1	7	1	11	1	9	2	8	1	13	5
MOTOR VEHICLE TOTAL	753	349	13	12	27	14	244	92	267	108	90	45	50	28	62	50
INJURY TO PEDESTRIAN	64	31	7	4	7	3	7	5	17	10	11	2	3	1	12	6
INJURY TO PEDAL CYCLIST	5	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0
INJURY TO RIDER OF ANIMAL OR																
OCCUPANT OF ANIMAL-DRAWN VEHICLE	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
COLLISION WITH RAILROAD TRAIN	14	11	0	0	0	3	2	2	6	3	2	3	4	0	0	0
COLLISION WITH OTHER MOTOR VEHICLE	269	181	0	4	10	8	79	46	87	48	36	30	24	16	33	29
COLLISION WITH FIXED OBJECT	276	87	2	3	5	0	111	26	103	31	26	8	16	10	13	9
NONCOLLISION	100	26	1	1	4	0	35	10	45	12	10	2	2	0	3	1
OTHER & UNSPECIFIED	25	12	3	0	0	0	8	3	8	3	4	0	1	1	1	5
PUBLIC NON-MOTOR VEHICLE TOTAL	277	180	7	1	10	3	32	2	70	10	44	15	33	19	81	130
RAILROAD NOT WITH MOTOR VEHICLE	8	0	0	0	0	0	3	0	4	0	1	0	0	0	0	0
OTHER ROAD VEH. NOT WITH MOTOR VEH.	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
WATER TRANSPORT	9	0	0	0	0	0	0	0	4	0	2	0	2	0	1	0
AIR TRANSPORT	6	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0
FALLS	53	69	0	0	0	0	2	0	8	2	5	1	9	2	29	64
FIRES	9	1	0	0	0	0	1	0	4	0	2	1	1	0	1	0
DROWNING	60	10	4	1	6	2	13	1	27	3	7	2	2	0	1	1
FIREARMS	14	0	2	0	2	0	4	0	3	0	2	0	1	0	0	0
OTHER & UNSPECIFIED	116	100	1	0	1	1	8	1	19	5	20	11	18	17	49	65
ACCIDENT TYPE UNKNOWN & LATE EFFECTS	12	2	0	0	0	0	0	0	4	0	5	0	1	0	2	2

TABLE 29

## ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1991

## TOTAL POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	$\frac{Q}{N} X$	$\frac{1}{X}$	$\frac{D}{N} X$	$\frac{L}{N} X$	$\frac{T}{X}$	$\frac{E}{X}$
00 TO 01	.0102	100,000	1,017	99,092	7,528,799	75.3
01 TO 05	.0018	98,983	182	395,496	7,429,707	75.1
05 TO 10	.0011	98,801	108	493,713	7,034,211	71.2
10 TO 15	.0014	98,693	141	493,147	6,540,498	66.3
15 TO 20	.0054	98,552	537	491,528	6,047,351	61.4
20 TO 25	.0057	98,015	558	488,705	5,555,823	56.7
25 TO 30	.0065	97,457	629	485,735	5,067,118	52.0
30 TO 35	.0075	96,828	723	482,416	4,581,383	47.3
35 TO 40	.0093	96,105	894	478,438	4,098,967	42.7
40 TO 45	.0114	95,211	1,085	473,536	3,620,529	38.0
45 TO 50	.0188	94,126	1,769	466,530	3,146,993	33.4
50 TO 55	.0290	92,357	2,674	455,495	2,680,463	29.0
55 TO 60	.0477	89,683	4,278	438,310	2,224,968	24.8
60 TO 65	.0710	85,405	6,064	412,594	1,786,658	20.9
65 TO 70	.1041	79,341	8,263	376,831	1,374,064	17.3
70 TO 75	.1515	71,078	10,766	329,252	997,233	14.0
75 TO 80	.2163	60,312	13,047	269,497	667,981	11.1
80 TO 85	.3198	47,265	15,114	197,774	398,484	8.4
85 AND UP	1.0000	32,151	32,151	200,710	200,710	6.2

TABLE 29 (CONT.)

ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1991

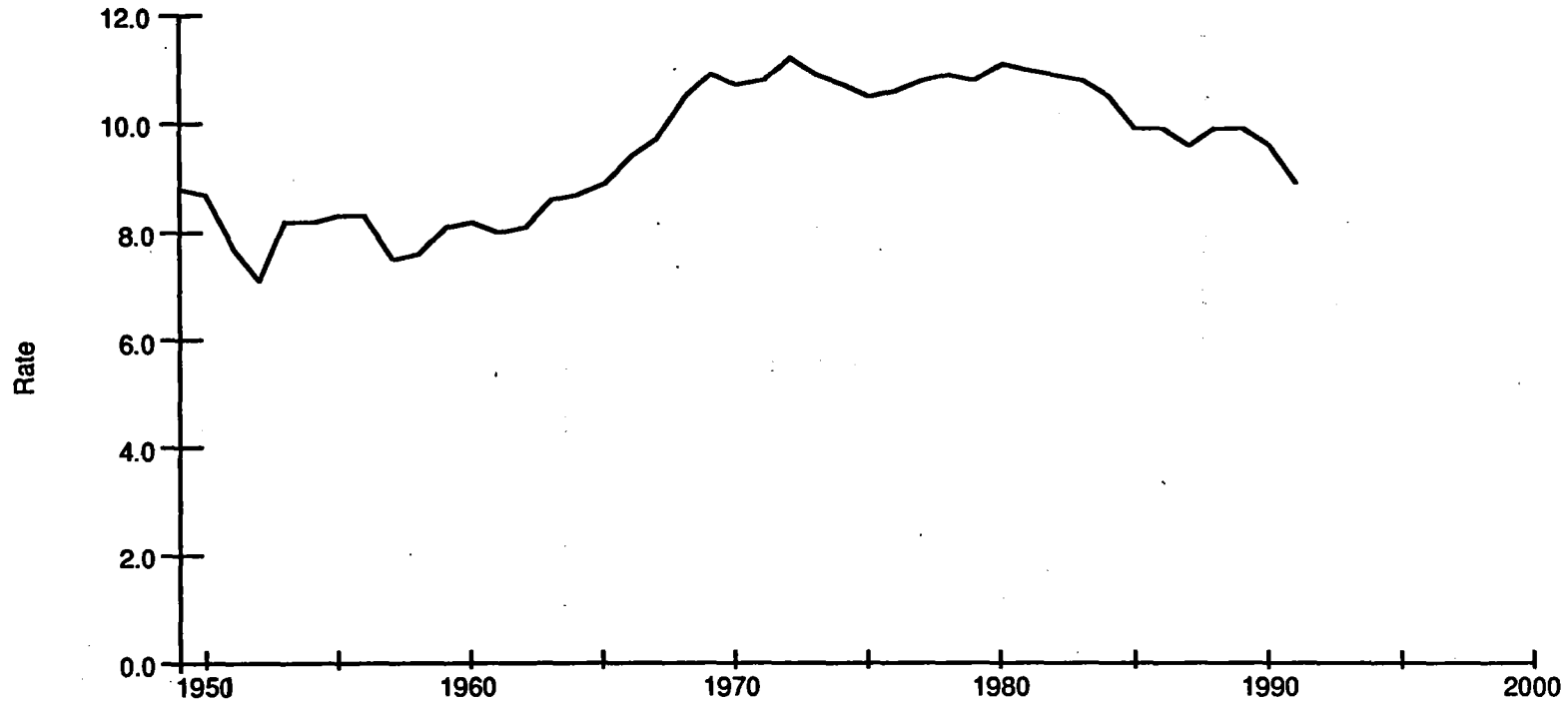
## MALE POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	$\frac{Q}{N \times}$	$\frac{l}{x}$	$\frac{D}{N \times}$	$\frac{L}{N \times}$	$\frac{T}{x}$	$\frac{E}{x}$
00 TO 01	.0120	100,000	1,203	98,919	7,154,428	71.5
01 TO 05	.0020	98,797	195	394,723	7,055,509	71.4
05 TO 10	.0011	98,602	104	492,732	6,660,786	67.6
10 TO 15	.0019	98,498	189	492,076	6,168,054	62.6
15 TO 20	.0081	98,309	793	489,746	5,675,978	57.7
20 TO 25	.0087	97,516	850	485,482	5,186,232	53.2
25 TO 30	.0101	96,666	980	480,874	4,700,750	48.6
30 TO 35	.0110	95,686	1,050	475,911	4,219,876	44.1
35 TO 40	.0131	94,636	1,237	470,295	3,743,965	39.6
40 TO 45	.0149	93,399	1,387	463,784	3,273,670	35.1
45 TO 50	.0242	92,012	2,227	454,917	2,809,886	30.5
50 TO 55	.0369	89,785	3,316	441,133	2,354,969	26.2
55 TO 60	.0610	86,469	5,274	419,844	1,913,836	22.1
60 TO 65	.0912	81,195	7,407	388,227	1,493,992	18.4
65 TO 70	.1368	73,788	10,095	344,329	1,105,765	15.0
70 TO 75	.2015	63,693	12,832	286,740	761,436	12.0
75 TO 80	.2810	50,861	14,291	218,490	474,696	9.3
80 TO 85	.4136	36,570	15,127	143,570	256,206	7.0
85 AND UP	1.0000	21,443	21,443	112,636	112,636	5.3

TABLE 29 (CONT.) ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1991  
FEMALE POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	$\frac{Q}{N} X$	$l_x$	$\frac{D}{N} X$	$L_x$	$T_x$	$E_x$
00 TO 01	.0082	100,000	825	99,269	7,891,283	78.9
01 TO 05	.0017	99,175	169	396,291	7,792,014	78.6
05 TO 10	.0011	99,006	112	494,723	7,395,723	74.7
10 TO 15	.0009	98,894	89	494,259	6,901,000	69.8
15 TO 20	.0027	98,805	269	493,395	6,406,741	64.8
20 TO 25	.0027	98,536	265	492,040	5,913,346	60.0
25 TO 30	.0028	98,271	277	490,693	5,421,306	55.2
30 TO 35	.0040	97,994	396	489,035	4,930,613	50.3
35 TO 40	.0057	97,598	553	486,697	4,441,578	45.5
40 TO 45	.0081	97,045	785	483,392	3,954,881	40.8
45 TO 50	.0137	96,260	1,316	478,225	3,471,489	36.1
50 TO 55	.0214	94,944	2,034	469,916	2,993,264	31.5
55 TO 60	.0353	92,910	3,283	456,840	2,523,348	27.2
60 TO 65	.0528	89,627	4,730	436,994	2,066,508	23.1
65 TO 70	.0765	84,897	6,497	409,139	1,629,514	19.2
70 TO 75	.1132	78,400	8,873	370,933	1,220,375	15.6
75 TO 80	.1724	69,527	11,987	318,800	849,442	12.2
80 TO 85	.2676	57,540	15,398	249,056	530,642	9.2
85 AND UP	1.0000	42,142	42,142	281,586	281,586	6.7

**Graph F**  
**Marriage Rates per 1,000 Population**  
**Missouri 1949 - 1991**



	Marriages	Rate		Marriages	Rate		Marriages	Rate		Marriages	Rate
1949	34,689	8.8	1960	35,368	8.2	1971	51,048	10.8	1982	53,836	10.9
1950	34,300	8.7	1961	34,640	8.0	1972	53,372	11.2	1983	53,258	10.8
1951	30,880	7.7	1962	35,192	8.1	1973	51,990	10.9	1984	52,464	10.5
1952	28,373	7.1	1963	37,667	8.6	1974	51,434	10.7	1985	49,484	9.9
1953	33,012	8.2	1964	38,802	8.7	1975	50,147	10.5	1986	49,579	9.9
1954	33,520	8.2	1965	39,882	8.9	1976	51,070	10.6	1987	48,397	9.6
1955	34,162	8.3	1966	42,597	9.4	1977	52,100	10.8	1988	50,330	9.9
1956	34,382	8.3	1967	44,055	9.7	1978	52,878	10.9	1989	50,331	9.9
1957	31,395	7.5	1968	48,155	10.5	1979	52,952	10.8	1990	49,063	9.6
1958	31,965	7.6	1969	50,411	10.9	1980	54,625	11.1	1991	46,115	8.9
1959	34,352	8.1	1970	50,224	10.7	1981	54,124	11.0			

TABLE 30

## REPORTED MARRIAGES BY AGE OF GROOM, BY AGE OF BRIDE; MISSOURI 1991

AGE OF GROOM	AGE OF BRIDE															
	TOTAL	15 AND UNDER	16	17	18	19	20	21	22	23	24	25	26	27	28	29
TOTAL	46,115	297	455	863	2,304	2,528	2,717	2,837	2,882	2,711	2,592	2,321	2,122	1,930	1,754	1,576
15 AND UNDER	11	2	2	0	2	4	0	0	0	0	0	1	0	0	0	0
16 YEARS	46	10	8	8	12	2	2	3	1	0	0	0	0	0	0	0
17 YEARS	237	31	36	47	58	28	15	7	5	1	3	0	1	1	1	0
18 YEARS	978	65	112	162	302	165	66	37	27	8	8	10	3	2	2	0
19 YEARS	1,625	66	104	166	431	340	234	104	51	37	34	15	11	6	6	2
20 YEARS	2,051	39	72	164	423	433	373	246	103	56	37	24	18	15	5	10
21 YEARS	2,348	28	36	113	346	427	442	373	209	113	66	51	28	31	27	10
22 YEARS	2,629	17	25	65	225	324	401	436	456	248	133	96	46	34	35	14
23 YEARS	2,705	4	17	42	143	212	313	380	475	391	261	139	82	58	40	31
24 YEARS	2,672	4	14	24	114	149	225	299	368	409	380	206	131	91	59	38
25 YEARS	2,635	4	6	14	70	123	161	221	269	362	382	336	196	130	79	74
26 YEARS	2,415	7	7	11	59	77	115	196	211	234	281	314	254	154	119	97
27 YEARS	2,233	2	5	14	32	69	91	113	173	199	221	243	250	221	137	94
28 YEARS	2,020	4	3	12	25	48	62	106	129	163	167	162	216	195	171	118
29 YEARS	1,889	5	0	4	12	32	60	69	95	105	139	159	187	173	183	148
30 YEARS	1,825	0	0	4	12	20	44	71	69	99	121	109	152	158	165	151
31 YEARS	1,558	0	1	4	5	27	30	49	57	53	79	105	116	134	130	151
32 YEARS	1,310	3	1	2	14	14	14	29	40	52	57	60	76	88	99	127
33 YEARS	1,231	2	2	2	6	6	17	20	26	39	47	61	65	88	96	81
34 YEARS	1,175	1	3	1	2	8	8	18	21	34	38	50	62	72	74	68
35-39 YEARS	4,336	1	1	3	7	8	31	36	65	79	95	125	163	191	204	235
40-44 YEARS	2,985	1	0	1	2	8	7	17	19	19	28	37	48	62	77	92
45-49 YEARS	1,802	0	0	0	0	2	5	4	6	6	9	11	12	18	20	22
50-54 YEARS	1,107	1	0	0	1	0	0	1	5	3	2	5	3	5	19	7
55-59 YEARS	748	0	0	0	0	0	1	2	2	1	4	1	2	2	6	4
60-64 YEARS	537	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1
65-69 YEARS	411	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
70-74 YEARS	297	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 YEARS AND OVER	295	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 30 (CONT)

## REPORTED MARRIAGES BY AGE OF GROOM, BY AGE OF BRIDE; MISSOURI 1991

AGE OF GROOM	AGE OF BRIDE														NOT STATED
	30	31	32	33	34	35 TO 39	40 TO 44	45 TO 49	50 TO 54	55 TO 59	60 TO 64	65 TO 69	70 TO 74	75+	
TOTAL	1,531	1,332	1,169	1,026	1,058	3,966	2,553	1,475	724	417	371	273	174	145	12
15 AND UNDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 YEARS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 YEARS	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
18 YEARS	1	2	2	0	0	1	2	0	0	0	0	0	0	0	1
19 YEARS	8	1	3	1	0	4	1	0	0	0	0	0	0	0	0
20 YEARS	7	3	5	3	3	8	3	1	0	0	0	0	0	0	0
21 YEARS	8	9	4	6	4	9	5	2	0	0	0	0	0	0	1
22 YEARS	24	12	10	9	4	14	0	0	0	0	0	0	0	0	1
23 YEARS	21	20	18	10	12	23	12	1	0	0	0	0	0	0	0
24 YEARS	32	21	24	23	12	36	12	1	0	0	0	0	0	0	0
25 YEARS	41	33	31	26	15	49	8	3	0	1	0	0	0	0	1
26 YEARS	73	56	36	31	19	47	16	1	0	0	0	0	0	0	0
27 YEARS	76	58	51	38	32	83	24	6	1	0	0	0	0	0	0
28 YEARS	103	75	52	38	30	110	20	7	1	0	0	0	0	1	2
29 YEARS	125	94	54	57	45	103	32	6	2	0	0	0	0	0	0
30 YEARS	161	100	72	60	58	137	50	8	2	2	0	0	0	0	0
31 YEARS	130	126	79	49	50	133	35	12	3	0	0	0	0	0	0
32 YEARS	113	114	94	55	52	143	52	9	1	0	1	0	0	0	0
33 YEARS	79	88	82	90	59	197	58	16	4	0	0	0	0	0	0
34 YEARS	92	77	76	69	81	222	70	24	4	0	0	0	0	0	0
35-39 YEARS	247	268	260	266	326	1,146	429	122	25	2	1	0	0	0	0
40-44 YEARS	124	128	142	122	160	837	714	265	58	10	3	3	0	1	0
45-49 YEARS	41	28	45	46	59	407	540	395	101	19	6	0	0	0	0
50-54 YEARS	14	15	17	15	26	154	258	287	180	61	17	5	2	2	2
55-59 YEARS	6	2	5	8	8	67	121	179	164	112	37	10	1	3	0
60-64 YEARS	2	2	3	1	1	25	60	75	93	108	110	41	9	2	1
65-69 YEARS	2	0	2	0	1	4	21	36	58	59	106	85	22	12	0
70-74 YEARS	0	0	1	2	0	4	6	12	17	27	63	79	65	21	0
75 YEARS AND OVER	0	0	1	0	0	3	3	7	10	16	27	50	75	103	0
NOT STATED	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3

TABLE 31 REPORTED MARRIAGES BY AGE AND PREVIOUS MARITAL STATUS OF BRIDE AND GROOM: MISSOURI 1991

AGE	BRIDE				GROOM			
	TOTAL	SINGLE	WIDOWED	DIVORCED	TOTAL	SINGLE	WIDOWED	DIVORCED
TOTAL	46,115	27,507	1,549	16,886	46,115	28,073	1,439	16,487
UNDER 15 YEARS	18	18	0	0	1	1	0	0
15 YEARS	279	278	0	1	10	10	0	0
16 YEARS	455	454	0	1	46	46	0	0
17 YEARS	863	854	0	6	237	236	0	0
18 YEARS	2,304	2,265	0	39	978	978	0	0
19 YEARS	2,528	2,444	2	78	1,625	1,606	0	18
20 YEARS	2,717	2,573	0	138	2,051	2,018	1	31
21 YEARS	2,837	2,567	2	266	2,348	2,255	1	90
22 YEARS	2,882	2,567	3	306	2,629	2,484	0	140
23 YEARS	2,711	2,294	3	406	2,705	2,491	1	210
24 YEARS	2,592	2,066	10	506	2,672	2,376	2	290
25 YEARS	2,321	1,725	6	582	2,635	2,275	2	353
26 YEARS	2,122	1,412	11	692	2,415	1,943	3	465
27 YEARS	1,930	1,154	18	747	2,233	1,660	3	567
28 YEARS	1,754	925	16	803	2,020	1,404	5	608
29 YEARS	1,576	764	19	787	1,889	1,214	11	656
30 YEARS	1,531	673	23	832	1,825	1,049	10	758
31 YEARS	1,332	492	14	812	1,558	817	12	724
32 YEARS	1,169	415	15	733	1,310	647	12	647
33 YEARS	1,026	268	15	739	1,231	498	7	723
34 YEARS	1,058	273	34	744	1,175	438	8	728
35-39 YEARS	3,966	676	134	3,133	4,336	1,069	55	3,198
40-44 YEARS	2,553	198	161	2,186	2,985	335	79	2,555
45-49 YEARS	1,475	60	157	1,254	1,802	87	94	1,612
50-54 YEARS	724	34	145	539	1,107	53	121	932
55-59 YEARS	417	24	127	260	748	29	158	560
60-64 YEARS	371	15	207	147	537	23	194	318
65-69 YEARS	273	10	180	79	411	18	221	169
70-74 YEARS	174	3	131	38	297	5	206	83
75 YEARS AND OVER	145	3	114	26	295	7	233	50
UNKNOWN	12	3	2	6	4	1	0	2
MEDIAN AGE AT MARRIAGE	26.3	22.9	54.5	34.0	28.2	24.8	63.5	36.9

TABLE 32

## REPORTED MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE AND GROOM: MISSOURI 1991

BRIDE	GROOM				
	TOTAL	SINGLE	WIDOWED	DIVORCED	UNKNOWN
TOTAL	46,115	28,073	1,439	16,487	116
SINGLE	27,507	22,572	144	4,757	34
WIDOWED	1,549	202	627	718	2
DIVORCED	16,886	5,227	663	10,968	28
UNKNOWN	173	72	5	44	52

TABLE 33

## REPORTED MARRIAGES BY RACE OF BRIDE BY RACE OF GROOM: MISSOURI 1991

RACE OF BRIDE	RACE OF GROOM				
	TOTAL	WHITE	BLACK	OTHER	UNKNOWN
TOTAL	46,115	40,752	4,062	376	925
WHITE	40,925	40,287	385	206	47
BLACK	3,787	125	3,652	9	1
OTHER	442	259	20	161	2
UNKNOWN	961	81	5	0	875

TABLE 34

## REPORTED MARRIAGES BY MONTH: MISSOURI 1991

TOTAL	46,115				
JANUARY	2,072	MAY	4,722	SEPTEMBER	4,235
FEBRUARY	2,595	JUNE	6,073	OCTOBER	4,253
MARCH	2,966	JULY	4,055	NOVEMBER	3,443
APRIL	3,444	AUGUST	5,038	DECEMBER	3,219

TABLE 35A

REPORTED MARRIAGES BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1991

COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	RATE	COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	RATE
STATE TOTAL	5,158,000	46,115	8.9	GRUNDY	10,400	105	10.1
ADAIR	25,900	223	8.6	HARRISON	8,300	91	11.0
ANDREW	14,600	110	7.5	HENRY	20,300	206	10.1
ATCHISON	7,400	75	10.1	HICKORY	7,400	59	8.0
AUDRAIN	22,900	192	8.4	HOLT	6,000	43	7.2
BARRY	28,000	215	7.7	HOWARD	9,800	57	5.8
BARTON	11,300	100	8.8	HOWELL	32,400	350	10.8
BATES	14,700	97	6.6	IRON	10,500	102	9.7
BENTON	14,500	89	6.1	JACKSON	634,200	6,208	9.8
BOLLINGER	10,500	78	7.4	JASPER	90,800	929	10.2
BOONE	116,000	1,022	8.8	JEFFERSON	173,500	1,238	7.1
BUCHANAN	82,700	804	9.7	JOHNSON	45,700	403	8.8
BUTLER	39,500	462	11.7	KNOX	4,400	34	7.7
CALDWELL	8,600	66	7.7	LACLEDE	27,200	338	12.4
CALLAWAY	33,200	178	5.4	LAFAYETTE	31,600	229	7.2
CAMDEN	28,000	256	9.1	LAWRENCE	30,400	262	8.6
CAPE GIRARDEAU	62,400	670	10.7	LEWIS	10,400	58	5.6
CARROLL	10,600	74	7.0	LINCOLN	29,800	259	8.7
CARTER	5,400	51	9.4	LINN	13,800	110	8.0
CASS	66,600	561	8.4	LIVINGSTON	14,300	193	13.5
CEDAR	12,100	67	5.5	MC DONALD	17,500	143	8.2
CHARITON	8,900	65	7.3	MACON	14,900	145	9.7
CHRISTIAN	34,900	285	8.2	MADISON	11,000	134	12.2
CLARK	7,400	93	12.6	MARIES	8,000	73	9.1
CLAY	158,000	1,466	9.3	MARION	27,600	332	12.0
CLINTON	16,600	92	5.5	MERCER	3,500	37	10.6
COLE	63,700	775	12.2	MILLER	20,600	168	8.2
COOPER	14,700	130	8.8	MISSISSIPPI	13,900	143	10.3
CRAWFORD	18,900	145	7.7	MONITEAU	12,200	94	7.7
DADE	7,500	46	6.1	MONROE	9,000	55	6.1
DALLAS	12,400	97	7.8	MONTGOMERY	11,300	66	5.8
DAVIESS	7,600	52	6.8	MORGAN	15,500	120	7.7
DE KALB	11,500	84	7.3	NEW MADRID	20,800	177	8.5
DENT	13,400	143	10.7	NEWTON	45,500	343	7.5
DOUGLAS	11,600	119	10.3	NODAWAY	22,700	160	7.0
DUNKLIN	32,700	310	9.5	OREGON	9,300	67	7.2
FRANKLIN	81,100	811	10.0	OSAGE	12,000	61	5.1
GASCONADE	14,500	121	8.3	OZARK	8,400	68	8.1
GENTRY	6,800	44	6.5	PEMISCOT	20,900	204	9.8
GREENE	214,500	2,259	10.5	PERRY	16,600	140	8.4

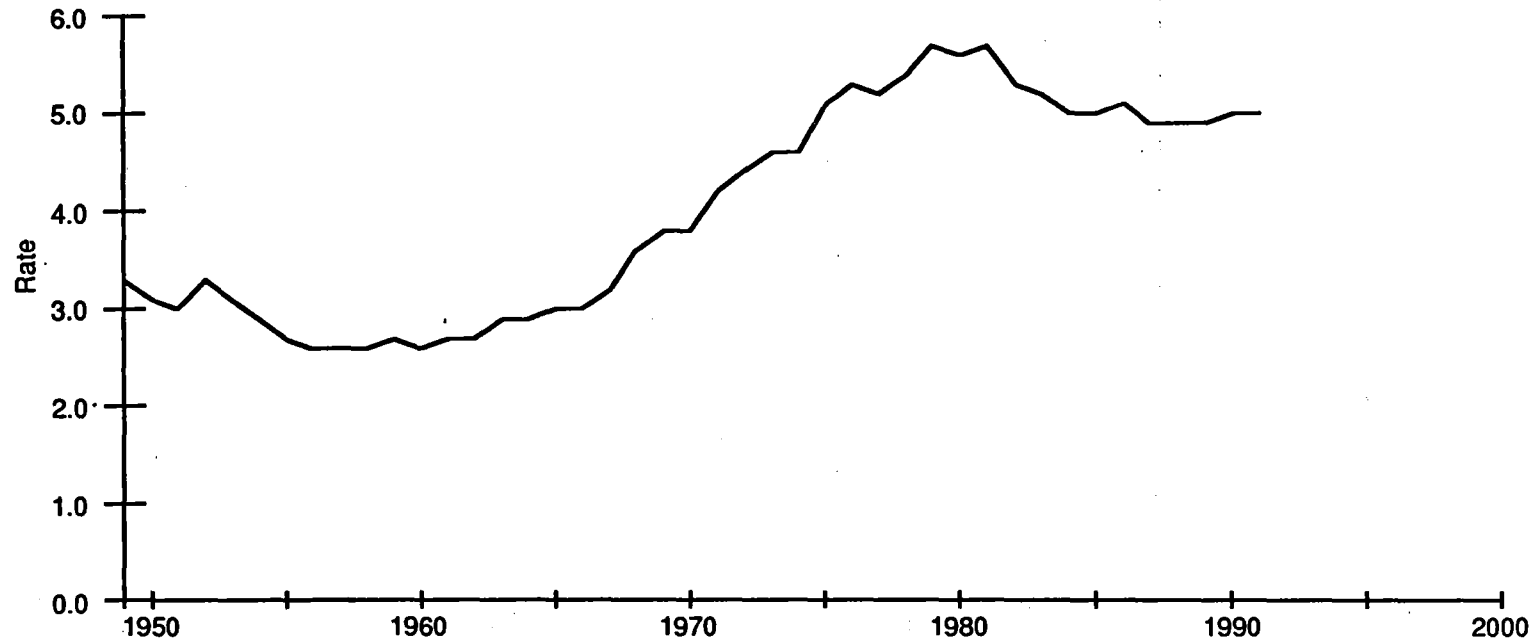
TABLE 35A (CONT) REPORTED MARRIAGES BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1991

COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	RATE	COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	RATE
PETTIS	35,200	402	11.4	SALINE	23,300	184	7.9
PHELPS	36,100	366	10.1	SCHUYLER	4,300	40	9.3
PIKE	15,600	131	8.4	SCOTLAND	4,900	50	10.2
PLATTE	60,100	478	8.0	SCOTT	39,100	408	10.4
POLK	22,600	229	10.1	SHANNON	7,500	68	9.1
PULASKI	40,300	516	12.8	SHELBY	6,900	39	5.7
PUTNAM	5,000	48	9.6	STODDARD	29,400	293	10.0
RALLS	8,300	115	13.9	STONE	19,400	122	6.3
RANDOLPH	23,700	214	9.0	SULLIVAN	6,200	47	7.6
RAY	22,000	157	7.1	TANEY	26,100	372	14.3
REYNOLDS	6,800	60	8.8	TEXAS	21,800	190	8.7
RIPLEY	11,900	121	10.2	VERNON	18,800	184	9.8
ST. CHARLES	222,600	1,745	7.8	WARREN	19,700	164	8.3
ST. CLAIR	8,700	60	6.9	WASHINGTON	21,300	224	10.5
ST. FRANCOIS	50,700	544	10.7	WAYNE	11,200	101	9.0
STE. GENEVIEVE	16,000	116	7.3	WEBSTER	24,100	192	8.0
ST. LOUIS CITY	384,600	3,919	10.2	WORTH	2,400	21	8.8
ST. LOUIS COUNTY	1,000,600	7,540	7.5	WRIGHT	16,800	124	7.4

TABLE 35B REPORTED MARRIAGES WITH RATES BY REGIONAL PLANNING COMMISSION OF RECORDING: MISSOURI 1991

RPC'S	POPULATION	MARRIAGES	RATE	RPC'S	POPULATION	MARRIAGES	RATE
MAJOR METRO REGIONS				BOONSLICK	60,800	489	8.0
EAST-WEST GATEWAY	1,862,400	15,253	8.2	KAYSINGER BASIN	96,500	762	7.9
MID-AMERICA	940,900	8,870	9.4	SHOW-ME	112,500	1,034	9.2
MINOR METRO REGIONS				SOUTH CENTRAL OZARK	107,800	986	9.1
SOUTHWEST MISSOURI	419,900	4,079	9.7	MERAMEC	112,200	1,072	9.6
MID-MISSOURI	284,500	2,509	8.8	LAKE OF THE OZARKS	131,600	1,398	10.6
MO-KAN	125,400	1,090	8.7	SOUTHEAST MISSOURI	177,700	1,784	10.0
OZARK GATEWAY	165,100	1,515	9.2	BOOTHEEL	156,800	1,535	9.8
NONMETRO REGIONS				OZARK FOOTHILLS	74,800	795	10.6
NORTHWEST MISSOURI	45,300	343	7.6	MAJOR METRO TOTAL	2,803,300	24,123	8.6
GREEN HILLS	77,700	749	9.6	MINOR METRO TOTAL	994,900	9,193	9.2
MISSOURI VALLEY	42,800	323	7.5	NONMETRO TOTAL	1,359,800	12,799	9.4
NORTHEAST MISSOURI	46,900	440	9.4	STATE TOTAL	5,158,000	46,115	8.9
MARK TWAIN	116,400	1,089	9.4				

**Graph G**  
**Dissolution Rates per 1,000 Population**  
**Missouri 1949 - 1991**



	<i>Dissolutions</i>	<i>Rate</i>		<i>Dissolutions</i>	<i>Rate</i>		<i>Dissolutions</i>	<i>Rate</i>		<i>Dissolutions</i>	<i>Rate</i>
1949	12,912	3.3	1960	11,320	2.6	1971	19,643	4.2	1982	26,292	5.3
1950	12,177	3.1	1961	11,574	2.7	1972	20,699	4.4	1983	25,904	5.2
1951	12,131	3.0	1962	11,882	2.7	1973	21,777	4.6	1984	24,860	5.0
1952	12,943	3.3	1963	12,652	2.9	1974	22,050	4.6	1985	24,990	5.0
1953	12,342	3.1	1964	12,785	2.9	1975	24,527	5.1	1986	25,466	5.1
1954	11,705	2.9	1965	13,261	3.0	1976	25,414	5.3	1987	24,984	4.9
1955	11,351	2.7	1966	13,758	3.0	1977	25,281	5.2	1988	24,948	4.9
1956	10,993	2.6	1967	14,520	3.2	1978	26,308	5.4	1989	25,140	4.9
1957	10,861	2.6	1968	16,473	3.6	1979	27,719	5.7	1990	25,701	5.0
1958	10,747	2.6	1969	17,578	3.8	1980	27,595	5.6	1991	25,751	5.0
1959	11,695	2.7	1970	17,852	3.8	1981	27,975	5.7			

TABLE 36

## REPORTED DISSOLUTIONS OF MARRIAGE BY MONTH BY TYPE OF DECREE: MISSOURI 1991

	TOTAL	TYPE OF DECREE		
		DISSOLUTION	ANNULMENT	LEGAL SEPARATION
TOTAL	25,834	25,685	66	83
JANUARY	1,913	1,905	5	3
FEBRUARY	1,871	1,860	5	6
MARCH	2,262	2,249	4	9
APRIL	2,258	2,244	5	9
MAY	2,354	2,341	7	6
JUNE	2,262	2,251	7	4
JULY	2,308	2,296	4	8
AUGUST	2,130	2,114	6	10
SEPTEMBER	2,036	2,019	10	7
OCTOBER	2,255	2,244	3	8
NOVEMBER	2,110	2,102	3	5
DECEMBER	2,075	2,060	7	8

TABLE 37

REPORTED DISSOLUTIONS AND ANNULMENTS BY NUMBER OF PREVIOUS MARRIAGES,  
HUSBAND BY WIFE: MISSOURI 1991

HUSBAND	TOTAL	WIFE						
		NONE	ONE	TWO	THREE	FOUR	FIVE OR MORE	UNKNOWN
TOTAL	25,751	15,913	6,172	1,866	517	183	92	1,008
NONE	16,047	13,234	2,223	411	93	27	8	51
ONE	6,012	2,154	2,762	774	186	65	26	45
TWO	1,889	384	808	450	144	49	27	27
THREE	553	74	234	142	66	24	10	3
FOUR	164	16	63	51	17	9	5	3
FIVE OR MORE	80	6	29	21	6	4	12	2
UNKNOWN	1,006	45	53	17	5	5	4	877

TABLE 38

## REPORTED DISSOLUTIONS AND ANNULMENTS BY DURATION OF MARRIAGE: MISSOURI 1991

DURATION	DISSOLUTIONS	DURATION	DISSOLUTIONS	DURATION	DISSOLUTIONS
TOTAL	25,751	8 YEARS	1,243	17 YEARS	412
UNDER 1 YEAR	1,156	9 YEARS	1,095	18 YEARS	390
1 YEAR	2,267	10 YEARS	1,025	19 YEARS	382
2 YEARS	2,320	11 YEARS	896	20-24 YEARS	1,413
3 YEARS	2,222	12 YEARS	743	25-29 YEARS	679
4 YEARS	1,892	13 YEARS	611	30-34 YEARS	347
5 YEARS	1,691	14 YEARS	574	35-39 YEARS	173
6 YEARS	1,573	15 YEARS	547	40 YEARS AND OVER	156
7 YEARS	1,340	16 YEARS	435	UNKNOWN	169

TABLE 39

## REPORTED DISSOLUTIONS AND ANNULMENTS BY NUMBER OF CHILDREN AFFECTED: MISSOURI 1991

CHILDREN	DISSOLUTIONS	CHILDREN	DISSOLUTIONS	CHILDREN	DISSOLUTIONS
TOTAL	25,751	TWO CHILDREN	5,258	FIVE CHILDREN	70
NO CHILDREN	11,938	THREE CHILDREN	1,649	SIX CHILDREN	17
ONE CHILD	6,464	FOUR CHILDREN	347	SEVEN OR MORE	6

TABLE 40

REPORTED DISSOLUTIONS AND ANNULMENTS BY PETITIONER BY DISPOSITION OF CHILDREN  
AND BY WHETHER CHILD SUPPORT AWARDED: MISSOURI 1991

## CUSTODY GIVEN TO

PETITIONER	TOTAL	HUSBAND	WIFE	JOINT	OTHER	NO CHILDREN	UNKNOWN
TOTAL	25,751	1,332	10,017	2,326	168	12,133	35
HUSBAND	8,907	887	2,372	927	68	4,736	11
WIFE	16,031	410	7,428	1,302	99	6,931	19
JOINT	450	21	120	76	0	238	2
OTHER	2	0	0	0	0	2	0
UNKNOWN	361	14	97	21	1	226	3

## CHILD SUPPORT AWARDED TO:

PETITIONER	TOTAL	HUSBAND	WIFE	NO SUPPORT	OTHER	NO CHILDREN	UNKNOWN
TOTAL	25,751	534	10,879	2,069	48	12,133	88
HUSBAND	8,907	362	2,783	973	24	4,736	29
WIFE	16,031	157	7,837	1,030	24	6,931	52
JOINT	450	10	157	43	0	238	2
OTHER	2	0	0	0	0	2	0
UNKNOWN	361	5	102	23	0	226	5

TABLE 41 REPORTED DISSOLUTIONS AND ANNULMENTS BY AGE OF WIFE BY AGE OF HUSBAND:MISSOURI 1991

AGE OF WIFE	AGE OF HUSBAND										UNKNOWN
	TOTAL	UNDER 20	20-24	25-29	30-34	35-39	40-44	45-54	55-64	65 AND OVER	
TOTAL	25,751	131	2,188	4,718	5,274	4,426	3,321	3,285	1,104	529	775
UNDER 20	500	81	337	52	14	2	0	0	0	0	14
20-24	3,571	42	1,467	1,534	339	69	25	17	3	1	74
25-29	5,266	4	255	2,322	1,854	498	153	69	10	1	100
30-34	5,230	0	49	516	2,288	1,534	476	209	37	5	116
35-39	4,008	0	19	129	493	1,734	1,066	441	55	11	60
40-44	2,919	0	8	39	135	400	1,242	921	102	18	54
45-54	2,385	0	1	11	39	91	270	1,422	442	67	42
55-64	648	0	0	0	0	4	6	104	353	161	20
65 AND OVER	291	0	1	0	0	2	1	5	48	228	6
UNKNOWN	933	4	51	115	112	92	82	97	54	37	289

TABLE 42

REPORTED DISSOLUTIONS AND ANNULMENTS BY RACE, WIFE BY HUSBAND: MISSOURI 1991

WIFE	HUSBAND				
	TOTAL	WHITE	BLACK	OTHER	UNKNOWN
TOTAL	25,751	22,230	2,091	124	1,306
WHITE	22,244	21,979	130	66	69
BLACK	1,987	41	1,938	5	3
OTHER	175	113	9	52	1
UNKNOWN	1,345	97	14	1	1,233

TABLE 43A

REPORTED DISSOLUTIONS AND ANNULMENTS BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1991

COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	RATE	COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	RATE
STATE TOTAL	5,158,000	25,751	5.0	GRUNDY	10,400	63	6.1
ADAIR	25,900	95	3.7	HARRISON	8,300	33	4.0
ANDREW	14,600	91	6.2	HENRY	20,300	129	6.4
ATCHISON	7,400	30	4.1	HICKORY	7,400	44	5.9
AUDRAIN	22,900	113	4.9	HOLT	6,000	25	4.2
BARRY	28,000	98	3.5	HOWARD	9,800	33	3.4
BARTON	11,300	69	6.1	HOWELL	32,400	228	7.0
BATES	14,700	68	4.6	IRON	10,500	52	5.0
BENTON	14,500	49	3.4	JACKSON	634,200	3,424	5.4
BOLLINGER	10,500	33	3.1	JASPER	90,800	628	6.9
BOONE	116,000	616	5.3	JEFFERSON	173,500	744	4.3
BUCHANAN	82,700	492	5.9	JOHNSON	45,700	291	6.4
BUTLER	39,500	346	8.8	KNOX	4,400	17	3.9
CALDWELL	8,600	24	2.8	LACLEDE	27,200	205	7.5
CALLAWAY	33,200	139	4.2	LAFAYETTE	31,600	86	2.7
CAMDEN	28,000	130	4.6	LAWRENCE	30,400	130	4.3
CAPE GIRARDEAU	62,400	389	6.2	LEWIS	10,400	35	3.4
CARROLL	10,600	47	4.4	LINCOLN	29,800	141	4.7
CARTER	5,400	28	5.2	LINN	13,800	67	4.9
CASS	66,600	350	5.3	LIVINGSTON	14,300	69	4.8
CEDAR	12,100	79	6.5	MC DONALD	17,500	13	0.7
CHARITON	8,900	25	2.8	MACON	14,900	68	4.6
CHRISTIAN	34,900	242	6.9	MADISON	11,000	72	6.5
CLARK	7,400	40	5.4	MARIES	8,000	32	4.0
CLAY	158,000	832	5.3	MARION	27,600	187	6.8
CLINTON	16,600	94	5.7	MERCER	3,500	11	3.1
COLE	63,700	364	5.7	MILLER	20,600	109	5.3
COOPER	14,700	67	4.6	MISSISSIPPI	13,900	68	4.9
CRAWFORD	18,900	138	7.3	MONITEAU	12,200	61	5.0
DADE	7,500	29	3.9	MONROE	9,000	31	3.4
DALLAS	12,400	84	6.8	MONTGOMERY	11,300	54	4.8
DAVISS	7,600	37	4.9	MORGAN	15,500	63	4.1
DE KALB	11,500	23	2.0	NEW MADRID	20,800	100	4.8
DENT	13,400	83	6.2	NEWTON	45,500	172	3.8
DOUGLAS	11,600	62	5.3	NODAWAY	22,700	57	2.5
DUNKLIN	32,700	271	8.3	OREGON	9,300	30	3.2
FRANKLIN	81,100	421	5.2	OSAGE	12,000	29	2.4
GASCONADE	14,500	85	5.9	OZARK	8,400	41	4.9
GENTRY	6,800	21	3.1	PEMISCOT	20,900	154	7.4
GREENE	214,500	1,204	5.6	PERRY	16,600	58	3.5

TABLE 43A (CONT) REPORTED DISSOLUTIONS AND ANNULMENTS BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1991

COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	RATE	COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	RATE
PETTIS	35,200	226	6.4	SALINE	23,300	113	4.8
PHELPS	36,100	120	3.3	SCHUYLER	4,300	21	4.9
PIKE	15,600	75	4.8	SCOTLAND	4,900	21	4.3
PLATTE	60,100	358	6.0	SCOTT	39,100	268	6.9
POLK	22,600	125	5.5	SHANNON	7,500	33	4.4
PULASKI	40,300	203	5.0	SHELBY	6,900	29	4.2
PUTNAM	5,000	22	4.4	STODDARD	29,400	227	7.7
RALLS	8,300	50	6.0	STONE	19,400	134	6.9
RANDOLPH	23,700	138	5.8	SULLIVAN	6,200	33	5.3
RAY	22,000	111	5.0	TANEY	26,100	186	7.1
REYNOLDS	6,800	32	4.7	TEXAS	21,800	89	4.1
RIPLEY	11,900	78	6.6	VERNON	18,800	118	6.3
ST. CHARLES	222,600	1,136	5.1	WARREN	19,700	118	6.0
ST. CLAIR	8,700	50	5.7	WASHINGTON	21,300	97	4.6
ST. FRANCOIS	50,700	279	5.5	WAYNE	11,200	50	4.5
STE. GENEVIEVE	16,000	46	2.9	WEBSTER	24,100	101	4.2
ST. LOUIS CITY	384,600	1,518	3.9	WORTH	2,400	6	2.5
ST. LOUIS COUNTY	1,000,600	4,192	4.2	WRIGHT	16,800	86	5.1

TABLE 43B REPORTED DISSOLUTIONS AND ANNULMENTS WITH RATES BY REGIONAL PLANNING COMMISSION OF RECORDING: MISSOURI 1991

RPC'S	POPULATION	DISSOLUTIONS	RATE	RPC'S	POPULATION	DISSOLUTIONS	RATE
MAJOR METRO REGIONS				BOONSLICK	60,800	313	5.1
EAST-WEST GATEWAY	1,862,400	8,011	4.3	KAYSINGER BASIN	96,500	537	5.6
MID-AMERICA	940,900	5,075	5.4	SHOW-ME	112,500	603	5.4
MINOR METRO REGIONS				SOUTH CENTRAL OZARK	107,800	569	5.3
SOUTHWEST MISSOURI	419,900	2,333	5.6	MERAMEC	112,200	555	4.9
MID-MISSOURI	284,500	1,422	5.0	LAKE OF THE OZARKS	131,600	710	5.4
MO-KAN	125,400	700	5.6	SOUTHEAST MISSOURI	177,700	929	5.2
OZARK GATEWAY	165,100	882	5.3	BOOTHEEL	156,800	1,088	6.9
NONMETRO REGIONS				OZARK FOOTHILLS	74,800	534	7.1
NORTHWEST MISSOURI	45,300	139	3.1	MAJOR METRO TOTAL	2,803,300	13,086	4.7
GREEN HILLS	77,700	359	4.6	MINOR METRO TOTAL	994,900	5,337	5.4
MISSOURI VALLEY	42,800	185	4.3	NONMETRO TOTAL	1,359,800	7,328	5.4
NORTHEAST MISSOURI	46,900	194	4.1	STATE TOTAL	5,158,000	25,751	5.0
MARK TWAIN	116,400	613	5.3				



## **APPENDIX**

### **RELIABILITY OF THE DATA**

In analyzing any data, the fact of potential error in the data must not be overlooked. There are several types of errors possible including: underregistration, errors made by the informant, and errors in compiling and processing.

Probably, the most potentially dangerous error is that of improper interpretation. Statistics are neither more true nor false than the interpretation given to them. Particular caution must be made in analyzing trend data, for there have been changes over the years in medical diagnosis, coding definitions, and registration coverage. Most of the rates computed in this report are crude rates. In comparing geographic areas, crude rates are limited because they do not take into account the differences in age, sex, race, and other population characteristics. Care should also be taken in using rates where the number of events or the population is small. Minor variations in the number of events may result in major changes in the rates. Rates based on less than 20 events are very unstable.

### **VITAL RECORDS**

Vital Statistics in Missouri are compiled from six basic records which are filed with the Department of Health by State Law. These records are: (1) live birth records, (2) death records, and (3) fetal death records each beginning with 1911; (4) marriage, and (5) divorce records, beginning with 1949; and (6) abortion records beginning in 1975.

Missouri cooperates with other states in the exchange of records for live births, fetal deaths, and deaths to include resident data events occurring to Missouri residents in other states. Missouri also has an arrangement with Kansas and Tennessee for the exchange of abortion data. Before 1984, Missouri received abortion records from Illinois, but Missouri no longer receives these records.

The data within this report represents the 1991 calendar year of events. Records have been accepted through April 17 of 1992 before cut-off, allowing 1991 events to be as complete as possible.

### **SOURCES**

Except where noted, historical vital statistics data are taken from annual vital statistics reports of the Missouri Department of Health.

### **POPULATION**

County population estimates for 1991 used in this report were developed by the Division of Budget and Planning, Office of Administration. The source of the 1911-1969 state total estimates is the Bureau of the Census' P-25 series. 1971-1979 state estimates were obtained from the Bureau of the Census publication "Preliminary Intercensal Estimates of the Population of Counties." 1981-1989 and 1991 age-sex specific population estimates were developed by the U.S. Bureau of the Census in unpublished tables. City population estimates for 1991 represent official 1990 Census counts.

### **RACE**

The term "race" refers to the division of population into three groups, white, black, and other. Most tables in this report simply use two divisions, white and black because of the small numbers of persons from other races in Missouri. The race group designated as "other" consists of such races as American Indian, Japanese, Chinese, Filipino, Korean, Asian Indian and Malayan races.

Persons of Mexican birth or ancestry who are not definitely of Indian or other designated race are classified as white. Hispanic origin births are shown by race in Table 5A.

Beginning with the 1989 report, birth, fetal and infant death data is presented by race of mother. Before 1989, this data was presented by race of child. This change has been implemented to be consistent with the National Center for Health Statistics (NCHS), which is also implementing this change in 1989. Race of child had been computed by an algorithm based on race of mother and race of father. Persons of mixed parentage were classified according to the race of the nonwhite parent. Because of this rather arbitrary formula and the increasing proportion of out-of-wedlock births in which father's race is missing, it was decided by NCHS to implement this change to race of mother.

Appendix Table A below shows how this change affects infant death rates by race. Three sets of rates and ratios are presented. The first set shows the current method by race of mother and the second set shows the old method by race of child. Both of these use the 1989 death cohort, in which infant deaths occurring in 1989 are divided by births occurring in 1989. In fact, some of these births to 1989 infant deaths occurred in 1988. The third method using the birth cohort takes the births occurring in a given year (e.g., 1989) and matches any deaths that occur to them in the first year of life, even if they occurred in the following year, 1990. This is the preferred method, but takes longer to collect.

The infant death rates for blacks are consistently higher using race of mother than using race of child. The resulting black/white ratios are also consistently higher using race of mother. While the numerator (the number of black infant deaths) stays the same in both calculations, the denominator (the number of black live births) is lower by race of mother than by race of child. Comparing death cohort to birth cohort infant death rates and ratios by race of mother, differences are shown in both directions, ranging from 0.1 to 1.1 per 1000 live births.

In examining trends in infant death rates by race over time, it is important to use the same method throughout the time period compared. Therefore, it is not appropriate to compare black infant death rates by race of mother in 1989 to black infant death rates by race of child in 1988. The caveats relating to infant death rates by race over time also apply to other birth indicators such as low birth weight rates, out-of-wedlock teen birth rates, etc.

**Appendix Table A**  
**Resident Infant Death Rates per 1000 Live Births by**  
**Race of Child, Race of Mother, Death Cohort vs. Birth Cohort:**  
**Missouri 1980-1991**

	DEATH COHORT						BIRTH COHORT		
	(1989 Annual Method) Race of Mother			(Pre-1989 Annual Method) Race of Child			(Matched Birth/Deaths) Race of Mother		
	White	Black	Black/White Ratio	White	Black	Black/White Ratio	White	Black	Black/White Ratio
1980 ....	10.9	21.3	1.95	11.0	20.6	1.87	10.7	21.1	1.97
1981 ....	11.5	19.5	1.70	11.6	18.9	1.63	11.3	20.2	1.79
1982 ....	10.0	21.3	2.13	10.1	20.6	2.04	10.0	20.6	2.06
1983 ....	9.1	19.7	2.16	9.2	19.1	2.08	8.9	20.2	2.27
1984 ....	8.9	18.7	2.10	9.0	18.0	2.00	8.7	18.6	2.14
1985 ....	9.0	17.2	1.91	9.0	16.7	1.86	8.9	17.8	2.00
1986 ....	9.1	19.1	2.10	9.2	18.5	2.01	9.2	18.5	2.01
1987 ....	8.8	18.2	2.07	8.9	17.5	1.97	8.7	18.2	2.09
1988 ....	8.9	16.8	1.89	9.0	16.1	1.79	8.8	16.2	1.84
1989 ....	8.4	17.2	2.05	8.6	16.6	1.93	8.3	17.9	2.16
1990 ....	7.7	18.2	2.36	7.9	17.5	2.22	7.5	18.4	2.45
1991 ....	7.8	21.3	2.73	7.9	20.5	2.59	7.7	19.1	2.48

## TERMS "RESIDENT" AND "RECORDED"

It is important to understand the significance of the terms "Resident" and "Recorded" when analyzing vital statistics.

"Resident" data are compiled for vital events that relate to persons residing in an area independent of where the events occurred. (A person is considered to be a resident of an area if he has resided there six months or more. An exception to this involves people dying in hospitals, nursing homes, or other institutions. In such cases, the usual place of residence before admission is reported. In the case of live births, fetal deaths, and infant deaths, the residence of the mother is considered to be the residence of the child.)

"Recorded" data are based on the number of vital events that occur in an area. These data are used to analyze events that might be affected by the place in which they occur.

Resident and recorded figures can neither be added nor subtracted from the other. Thus the number of events occurring or not occurring in the same geographic area where the people reside cannot be calculated from resident and recorded data.

## UNKNOWNNS

Records classified as Missouri residents with unknown county of residence are included in the state totals of this publication. In annual vital statistics reports before 1979, these records were excluded from totals. The number of 1989 records with unknown county of residence by system is as follows:

Live Births.....	1
Fetal Deaths.....	0
Deaths.....	0
Abortions.....	51

The following imputations of unknowns were made in this report:

Unknown sex is considered male.  
Unknown marital status is considered married.  
Unknown live birth order is considered 1st.

## RATES

Rates are calculated by dividing the event of concern by the population at risk or a related population and multiplying by a constant. Live birth, death, natural increase, marriage, and dissolution rates are expressed in terms of 1,000 estimated midyear population. Infant, perinatal, fetal, neonatal, and post-neonatal death rates are stated per 1,000 live births.

Rates per 100 live births or percentages are used in Tables 7-10C for such rates as out-of-wedlock or low birth weight. In Table 10, unknowns are excluded in the calculation of percents when the percents are greater than 2 percent. These include: (1) crown heel less than 47 cm; (2) mother greater than 15 percent underweight; (3) mother greater than 20 percent overweight; (4) mother gained more than 20 pounds during pregnancy; (5) inadequate prenatal care; (6) mother Medicaid participant; (7) mother WIC participant; (8) mother Medicaid and WIC; and (9) mother Food Stamp recipient. For less than 18 months since last birth, the denominator excludes first births.

**Total Fertility Rate** (Graph B) refers to the average number of births a woman would have if a given set of age-specific birth rates applied throughout her reproductive years.

**General Fertility Rate** (Table 3) refers to the total number of live births per 1,000 women aged 15-44 for a given year.

**Age-Specific Fertility Rate** (Table 3) is the number of live births born to mothers of a given age per 1,000 females of that age group for a given year.

The **Abortion Ratio** is a ratio of abortions per 1,000 live births for a given year.

**Crude Death Rate** is defined as the total number of deaths of area residents for the year divided by the midyear population of the area multiplied by some constant. The constants used in this report are 100,000 for cause specific rates and deaths for all causes in Tables 19 and 27A and 1,000 for death rates in all other tables and graphs.

$$\text{Crude Death Rate} = \frac{\text{number of deaths during year}}{\text{midyear population}} \times 1,000 \text{ or } 100,000$$

**Age Specific Death Rate** (Tables 4 and 21) is calculated in the same manner as the crude death rate except that both the number of deaths and the midyear population are restricted to a given age group.

$$\begin{aligned} \text{Age-Specific Death Rate} = \\ \text{For given age group:} \\ \frac{\text{number of deaths during year}}{\text{midyear population}} \times 1,000 \end{aligned}$$

The **Age-Adjusted Death Rate** (Age-Adj Rate) is a weighted average of age-specific death rates. Comparison of areas or time periods using crude death rates can often be misleading, since these rates are affected by the age composition of the population. For example, a county may display a high crude death rate simply because it has an older population.

To control for these differences in age compositions, age-specific rates can be weighted according to a standard population. Such a calculation produces an age-adjusted rate. The age-adjusted rates shown in this report are calculated by the direct method with the following formula:

$$\text{Age-Adjusted Death Rate} = \sum M_a \times \frac{P_a}{P}$$

where  $M_a$  = age-specific rate for given age group  
 $P_a$  = standard population in given age group  
 $P$  = total standard population

This report uses five-year age groupings with the 1940 United States population as the standard. Each figure thus represents the rate that would have existed if the age-specific rates in question prevailed in a population whose age distribution is like that of United States in 1940. This serves to control for differences in age compositions and makes comparisons between areas or time periods more legitimate. It is important, however, not to compare age-adjusted death rates with other rates adjusted to different standard populations.

From 1972 to 1990, the Missouri 1970 population had been used as the standard in the Missouri annual vital statistics reports. This makes comparisons of age-adjusted death rates with annuals before 1991 impossible. The standard population was changed to United States 1940 to allow comparability with national age-adjusted death rates published by the National Center for Health Statistics. The 1940 population is also used as the standard for age-adjusted death rates in the Year 2000 Goals and Objectives for both Missouri and the nation.

The **Abridged Life Tables** in this report (Table 29) are generated from a computer software package originally developed by the National Center for Health Statistics, and modified by the Missouri Center for Health Statistics. It uses the technique of "reference to a standard table." These tables are technically defined as "current life tables" since they are cross-sectional in nature. In other words, these tables do not represent the life expectancy of an actual cohort of all Missourians born in a particular year and followed throughout their lifetime. Rather, the current life table considers a hypothetical cohort and assumes it is subject to the age-specific mortality rates existing for a given year. This means that the current life tables contained herein assume hypothetical cohorts subject throughout their lifetimes to the age-specific mortality rates prevailing for the year of this report.

The term "abridged" indicates that the age interval used in the tables are five-year age groupings rather than single years of age.

## CAUSE OF DEATH CLASSIFICATION

Cause of death data are displayed by the underlying cause. The underlying cause of death is defined as the disease or injury which initiated the train of morbid events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

The causes of death presented here are classified in accordance with the Ninth Revision of the International Classification of Diseases (ICD-9), 1975; World Health Organization. This revision has been used to classify deaths occurring on or after January 1, 1979. Comparisons with data from earlier years must be done with caution, since these were classified under different coding schemes. Consequently, certain diseases may show changes in their trends as a result of changes in definitions. For a general measure of the extent of these changes between the eighth and ninth revisions, consult "Estimates of Selected Comparability Ratios Based on a Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," *Monthly Vital Statistics Report*, National Center for Health Statistics, Volume 28, Number 11, Supplement (February 29, 1980).

The specific causes of death in this report are shown in groupings of 34 causes. In those tables presenting leading causes of death, the rankings are based on a further consolidation of these 34 causes. These causes are listed below with their ICD-9 codes. Those used for ranking purposes are noted with an asterisk.

Causes of Death	ICD-9 Codes
*Tuberculosis.....	010-018
*AIDS.....	042-044
*Syphilis.....	090-097
Residual of Infectious & Parasitic Diseases.....	001-009, 020-088, 098-139
*Malignant Neoplasms.....	140-208
Digestive Organs.....	150-159
Respiratory Organs.....	160-165
Breast.....	174-175
Genital Organs.....	179-187
Urinary Organs.....	188-189
Leukemia.....	204-208
Other Malignant Neoplasms.....	140-149, 170-173, 190-203
*Diabetes Mellitus.....	250
Major Cardiovascular Disease.....	390-448
*Diseases of the Heart.....	390-398, 402, 404-429
Rheumatic Fever & Rheumatic Heart Disease.....	390-398
Hypertensive Heart.....	402, 404
Ischemic Heart.....	410-414
Other Heart Disease.....	415-429
*Hypertension.....	401, 403
*Cerebrovascular Disease.....	430-438
*Atherosclerosis.....	440
Other Major Cardiovascular.....	441-448
*Pneumonia & Influenza.....	480-487
*Chronic Pulmonary Disease.....	490-496
*Ulcer of Stomach.....	531-533
*Liver Disease & Cirrhosis.....	571

**Causes of Death****ICD-9 Codes**

*Nephritis & Nephrosis.....	580-589
*Complications of Pregnancy, Childbirth & Puerperium.....	630-676
*Congenital Anomalies.....	740-759
*Diseases of Early Infancy.....	760-779
Symptoms & Ill-Def. Cond.....	780-799
All Other Diseases.....	Residual
*Accidental Deaths.....	800-949
Motor Vehicle.....	810-825
Other Accidental Deaths.....	800-807, 826-949
*Suicide.....	950-959
*Homicide & Legal Intervention.....	960-978
All Other External Causes.....	980-999

**MEDICAL CONDITIONS ON BIRTH RECORDS**

Table 5B presents selected medical conditions reported on the birth certificate by means of a check-off box system. Before 1989, medical conditions on the birth certificate were reported by open-ended questions. It is believed that the check-off box generally increases reporting. A study done by the Missouri Center for Health Statistics found that medical risk factors increased by 50 percent, labor or delivery complications by 30 percent, and congenital anomaly reporting nearly doubled in the first half of 1989 compared with 1988. See *Missouri Monthly Vital Statistics Report*, Nov. 1989, Vol. 23, No. 9 for more details.

**ADDITIONAL DEFINITIONS**

**Apgar Score** — An international code ranging from 0 to 10 used to measure the health of an infant at one minute and five minutes after birth. Items used to derive the score are heart rate, respiratory effort, muscle tone, reflex irritability and color. A score below eight implies a moderately or severely depressed condition. The score used in Table 10 is taken at five minutes after birth. Caution should be used in interpreting patterns of low Apgar scores by area because of a possible subjective bias in assigning scores. Different medical personnel may assign different scores to the same child.

**Birth Order** — Number of previous pregnancies plus one.

**Crown Heel** — Length of the baby at birth in centimeters.

**Fetal Death** — Death taking place at 20 weeks gestation or later and before birth.

**GT 15 Percent Underweight/GT 20 Percent Overweight** — If the mother's prepregnancy weight is greater than 15 percent below or 20 percent above the desired weight for her height according to the 1959 Metropolitan Life Insurance tables.

**Inadequate Prenatal Care** — Fewer than five prenatal visits for pregnancies less than 37 weeks, fewer than eight visits for pregnancies 37 weeks or longer or care beginning after the first four months of pregnancy. Before 1982, records with unknown prenatal care or unknown length of pregnancy were excluded. Beginning in 1982, if adequacy of prenatal care could be determined even if length of pregnancy was unknown, then these records were included.

**Infant Death** — Baby dying during the first year of life.

**Infant Transfer** — Infant transferred to another facility after delivery.

**Less than 37 Weeks' Gestation** — Length of pregnancy less than 37 weeks based on date of last normal menses unless this calculation is less than 17 weeks, more than 44 weeks, or unknown. In these cases, the clinical estimate of gestation is used.

**Live Birth Order** — Number of previous babies born alive now living plus one.

**Low Birth Weight** — Less than 2500 grams or five and one-half pounds.

**Maternal Death** — Mother dying as a result of complications of pregnancy, childbirth and puerperium (ICD-9 codes 630-676).

**Maternal Transfer** — Mother transferred from another facility prior to delivery.

**Natural Increase** — Resident live births minus resident deaths.

**Neonatal Death** — Baby dying during first 27 days of life.

**Out-of-Wedlock Birth** — Birth involving mother who was unmarried at time of conception, at time of birth, and throughout time between conception and birth.

**Perinatal Death** — Fetal or neonatal death.

**Postneonatal Death** — Death occurring after 27th day of life and before one year.

**Teen-age Pregnancy** — Live birth, fetal death or abortion occurring to a woman under 20 years of age.

Additional information about the Missouri birth and death data systems may be found in *User Manual for Live Birth/Fetal Death Data System* — MCHS publication No. 4.15, *User Manual for Death Data System* — MCHS publication No. 4.18, and *Birth and Death Appendix Tables*, MCHS publication No. 4.16.

